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CLASS of '98

25TH Anniversary-1923

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TWENTY - FIFTH ANNIVERSARY BOOK

CLASS OF '98

MASSACHUSETTS
INSTITUTE
OF
TECHNOLOGY

1923

PUBLISHED BY THE CLASS

M. I. T.

FROM THE CAVES OF MEMORY

Once upon a time the hero of romance was distinguished by the certainty with which he always did the things he ought to do. At a later period literature became more liberal in its views. Its characters were apt to do what they liked, rather than what they ought. But the world moves and even that period is passed. The modern hero acts not at all as he ought, not even as he likes, but rather according to the dictates of his subconscious mind, under the mysterious influences of the impressions of the past. This simplifies things a great deal for the author since the subliminal self is always there to take the blame for any little inconsistencies that are not otherwise explained.

The multiple hero of the present volume, the noble class of 1898, lends itself particularly well to the methods of Freudian analysis. For a quarter of a century we have been scattered to the ends of the earth, doing different things, living different lives, diverging more and more with each passing year from the undifferentiated mass of youthful protoplasm which crowded the halls of Rogers on September 24, 1894. Yet deep in the minds of all of us are the memories of those vital years we shared together, years which influence all that we are and do and which bind us together with the bonds of common fellowship.

Does a man of our period at Tech ever hear the word "bird" or "cage" without half-conscious recollections of things which these harmless words would by no means suggest to the ordinary man, recollections of how

"Venturous ones, who step too near the cage,
Fall helpless prey t'ornithologic rage."

The word "chapel too has a meaning of its own for us. We seem to see Tobey and Sargent st—, coming, out of that gracefully arched door. What Hibernian phrase fails to remind us of Freshman Chemistry!

"and when, within the sacred lecture-hall,
They hear the Prof declare before them all,
'The jar of colorless gas, as now you see,
Is brown in color,' then they all agree,
That it was nothing but a Papal bull,
And hurry off with thoughts of wisdom full."

The political success some of us have attained is due in part to the stormy election at which Billy Hall and Allston Sargent were the dominant figures and to the success with which the malign efforts of the

ROGERS BUILDING

"English High Clique of Boston who always attempt to run the class" were frustrated; and the days of gloom and disappointment which come to all of us at times recall November twelfth, that "day of grim despair" when Jerry Leiper "became a climber for the nonce" and despoiled the '97 flag pole only to have the shadows of defeat close in upon a lost football game and a cane rush which showed 20 sophomore hands to 9 of ours.

In these days of Volsteadiness the memories of that Freshman dinner and Tobey's tribute to the "class of umpty-ump and Portner's ride in the patrol wagon grow perhaps a little dim.

How can we ever forget our Freshman Dinner. A newspaper clipping tells the sad story.

IT WAS DRY

No Wine at the Class Dinner of The Technology Freshmen

The members of the Class of '98, M.I.T., had their first class dinner last evening at Young's about 96 being present. It was a total abstinence dinner. Mr. W. W. Ward was toastmaster and the toasts were as follows:

President's address, W. M. Hall
Technology, G. R. Wadsworth
Cupid's Dart, J. G. Leiper, Jr.
'98 vs '97, Charles Le Moyne
Verdancy, John DeL. Underwood
Football, George Ulmer
Grinds, L. D. Gardner
Track Athletics, Allston Sargeant
Vignettes, C. E. A. Winslow
Future of '98, R. S. Willis

The famous '98 Battalion will never be forgotten, not for the splendid style and fit of our uniforms nor for the record of excuses but for our sensational victory over the Harvard cadets. Our company won with ease and trailed the crimson of Fair Harvard through Engineering Alley.

The class so appreciated the victory that bronze medals were presented to the victors. Are any of them still treasured?

As our class historian wrote "The freshman year gave us a good opportunity to judge the class as a whole. In every branch of Technology life, in athletics, on the musical clubs, and on The Tech, '98 was not only an enthusiastic Freshman Class but it showed a spirit of loyalty to all affairs which has always been the foremost of our desires. But best of all we have become chums, forming friendships that will last throughout our whole lives.

The day came however when we were Sophomores in our turn and had 22 hands on the cane to 7 of '99's, the greatest victory ever won in a Cane Rush. Have you still got that good old stick designed by Lester Gardner with the dinky little silver top that worked loose with much usage? We scored 85 points for the class track championship that year, do you remember, against 51 for '97, 34 for '96 and 27 for '99 with Asa Grosvenor, Bill Butcher and Harold Jones as our stars. The success with which we elected a slate of '98 men to office in the class of '99 showed that our political education was progressing steadily. It was necessary to do this twice as the ungrateful Freshmen were hard to satisfy.

And shall we ever forget second year Physics and English which between them furnished three-fourths of the best grinds for Technique?

In our Sophomore year the famous Pretzel Club entertained at the Class Dinner. Who can ever forget the stirring poem read by George Wright, or Wardie Ward's speech on Co-eds (and others)?

(c) Harris and Ewing

PRESIDENT STRATTON

Can you hear our quartette consisting of Anthony, Hutchinson, Coombs and Wadsworth? Herbert Lord toasted Massachusetts and Lester Gardner was "roasted" "not only witty himself but the cause that wit is in other men." Charley Winslow grew his first moustache as an added feature to his role as toastmaster.

In athletics '98 won the baseball championship and in the inter-class athletics our men won so many events that at the end of the year we were class champions.

In our Junior year—1896—came the election with its torchlight parades and the clashes with Harvard. Our Junior week was a great success. Our "Prom," theatricals, and concerts, delighted us and our mothers and our sisters and our aunts and our sweethearts.

In athletics, '98 again tock the championship piling up 109 points while the total score of the other three classes only amounted to 87—a clear margin of 20 points for our athletes over all others at Tech.

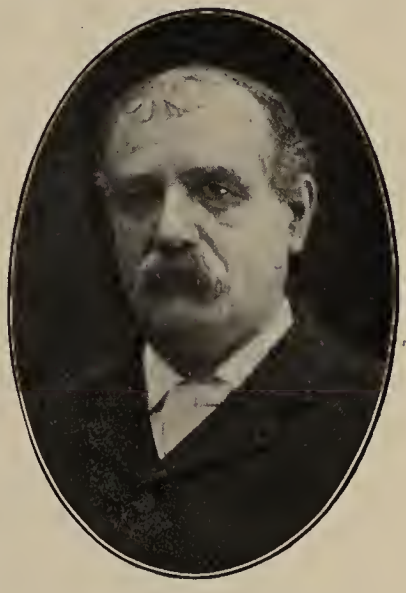
Our Junior Dinner was unlike any other ever held. Two men were counted that did not have a toast. Herbert Lord was toastmaster and his genius for organization made the dinner a great success. George Wadsworth again toasted "'98"; Lester Gardner, "The Faculty"; Leon Alland, "The Tech Woman"; E. S. Chapin, "Money"; Tom Tallmadge, "The West"; Ernest Russ, "Theatricals"; Harold Jones, "Athletics"; Robert Allyn "Spirits"; (To quote the menu card, "I can call spirits from the vasty deep". Bob was looking far into the future) Frank Colcord, "Labor Unions."

Our Senior year was not as eventful as the others except when we learned that we were to graduate. How many remember New Year's Eve when we greeted 1898, with one hundred lusty voices at the Technology Club. The endless chain and the snake dance shook the diginity of the old house for once.

Our Senior Dinner at the Exchange Club was presided over by Jack Bleeker. Winslow, Ulmer, Fisher, Russ, Allyn, Tucker; Mayer, Gardner, Talmadge and Wadsworth spoke.

Our own Technique board has learned one thing with the passing of the years, the folly of overweening ambition. We thought we did a great thing when we bound our book in leather but now the cloth bound Techniques are as good as new but our fine leather back has all come off!

General Walker's death cast a shadow over that Junior year but his genial hearty presence is a living influence in all our lives. As Seniors we were able to take a leading part in the undergraduate tribute to his memory and embodied our feeling in the memorial which now occupies a central place in the Walker Memorial.



General Walker

'98 will be remembered for many achievements, but probably one that will always stand out because of its constant use will be its selection of a mascot—the Beaver—for M.I.T. Lester Gardner realized that Tech like other schools should have a mascot and selected the Beaver. His choice was approved by the Alumni Association and in presenting it to President Maclaurin, he said:

"It may interest you to know how the Beaver came to be chosen.

We first thought of the kangaroo which like Tech goes forward by leaps and bounds. Then we considered the elephant. He is wise, patient, strong, hard working and like all men who graduate from Tech has a good tough hide. But neither of these were American animals. We chose the Beaver. The Beaver not only typifies the Tech man but his habits are peculiarly our own. Of all the animals of the world, the beaver is noted for his engineering and mechanical skill and habits of industry. His habits are nocturnal, he does his best work in the dark."

Since that day in June when we left old Huntington Hall with our diplomas in our hands many things have happened. After fifteen years we met again at Wianno and thought that the world had moved fast and far with us but the last ten years have seen even greater changes. In the Great War forty members of '98 received commissions in the military service or in the militarized branches of relief societies engaged with the combatant forces, including one Major General, two colonels, two lieutenant-colonels, two commanders, one lieutenant-commander, fifteen majors and twelve captains. And now who will say that drill under Captain Bigelow did not produce great results.

In this connection it is interesting to quote from Lester Gardner's class history at Class Day. He said: "We are the first class to graduate from this school during a war in which our country is engaged. As undergraduates we expressed our willingness to sacrifice our all for our country if the need should come. Let us as graduates hold to that purpose. Some of us may find it our duty to go immediately to the front as has our fellow classmate Ensign Strickland. We must never forget that we can show our loyalty to our country and doubly our loyalty to our family, by remaining at our work at home; all the while we are becoming better and better equipped to serve in time of need."

What '98 has done in the routine tasks of peace the present volume will indicate, and its records show in the quarter century that has passed we have not been idle. May we gather again in 1948 with undiminished numbers and with glories grown greater by the passage of the years!

Class of NINETY EIGHT.

TWENTY FIVE YEAR REUNION

June 8—11, 1923

It is hard to realize that we have had our twenty fifth reunion, the old days come back so vividly. We do see the graying hair and the thinning on top, but we look into the faces of the classmates we have not seen for twenty five years and we see the same personality, and our minds jump back over the gap of years and we talk to each other as in the days which seem as yesterday. We forget for a few days our present responsibilities and become the carefree individuals rejoicing in each others companionship.

The Reunion at Saybrook, Conn., was worth waiting 25 years for and the faithful who gathered there had a royal good time from start to finish. The 25th Reunion Committee consisting of Barker, Blanchard, Allyn, Russ, Wing and Gardner who planned and carried out the party deserved the hearty thanks which they received.

As usual Lester Gardner and Dan Edgerly were the first to arrive on Friday afternoon coming with Bob Wallace by motor from New York. They picked out the best room in the house which was lucky since there was something about those boys and that room that proved to be very attractive. There was almost always a crowd of the faithful on hand, particularly just before meal times.

Fifteen men from New York came in the magnificent twenty four passenger motor bus which was placed by Dave Fenner at the disposal

Dave Fenner's Palatial Mack Bus

of the class for four days. All who had thought to come in their own cars abandoned the idea when they beheld the luxury of this vehicle. This party enjoyed a comfortable, safe and rapid trip and were the next to arrive. Connecticut presented some of the worst roads recorded in history for their consideration but the Mack negotiated them with complete success. Paul Johnson from California, long distance man at the Reunion, was one of Dave's guests.

The Riversea Club

From Boston, Ernest Russ' auto with John Warren as guide piloted the party to Providence. At Providence the New Bedford, Martha's Vineyard delegation was picked up and a fifty mile per hour dash was made for Wickford where Charley Smith had selected a place to lunch. One of the notable achievements of this meal was Delano's successful effort to pierce M. de K Thompson's reserve,—all accomplished without the aid of pre-Volstead expedients. From there on it was go as you please to Saybrook where we arrived after dark.

On entering the dining room at the Riversea Club we saw a distinguished looking group of men. As soon as the eye became accustomed to the lights we picked out, Byam, Ed Chapin, Bodwell, Al Davis, Danforth, Edgerly, Kaufman, Lansingh, Allston Sargent, Shedd, Streng and Paul Wesson as youthful looking and no stouter than on the day in ninety five when we assembled in the halls of Rogers on the birthday of the class of Ninety Eight. We also saw a great many stout and distinguished looking men, but we stepped closer to look each one in the face and found the disguise of age and dignity to fall from everyone. Charley Winslow, Edgar Weimer, Bob Wallace, Roy Peavey, Paul Johnson, Lester Gardner, Dave Fenner, Robert Daly, Roger Babson, in spite of greater breadth, we recognized at a glance; but we had to look in the eye George Anthony, Henry Belcher, Robert de Golyer, Ernest Ayres, Jack House, Herbert Lord, Charlie Pease, and John de Loss Underwood, before we could get a clear vision of the well known personalities.

THE '98 REUNION

We don't believe any of the Boston New Bedford, Martha's Vineyard contingent was difficult for the New York and Western crowd to recognize. Elliot Barker, Ernest Russ, and Maurice Delano, to be sure, have put on flesh and look prosperous, but they always did look prosperous and their genial personalities would shine through any disguise. Doc Wright, John Warren, Charlie Wing, Thompson, Fred Dawes, and Blanchard must have been obvious to all at first glance.

Later arrivals comprised Colcord, Stevens, and Cottle who arrived in George Cottle's car Saturday morning. Colcord is not in the slightest disguised by a beard and Cottle, in spite of the bare skin mostly showing on top of his head, was pronounced the most youthful looking of the class. This is W. W. Stevens first appearance at a re-

TALKING IT OVER

union and we had to look pretty sharp at this man who has carried big business and engineering to the far off quarters of the world to recognize in him our old classmate; but the recognition was there and he also made a splendid caddie. George Treat had just landed on his return from a tour around the world and our enterprising chairman had sent a telegram to meet the steamer apprizing George of the reunion so he walked in on us Saturday afternoon. Dick Brown did not arrive until Sunday morning. Doctor and Mrs. Murlless motored from Holyoke, Mass., and Osgood and Mrs. Osgood motored from Stephentown, N. Y., Sunday morning.

HAPPY ROGER

Saturday morning, before most of us were up, George Anthony is said to have plunged into the sound; anyway he bore off the trophy of the swimming prize. Bob Wallace also donned a bathing suit and looked at the water from the edge of the wharf. Tennis and Golf occupied the forenoon; some performed, others gave instructions from the side lines and caddied. We want particularly to testify to the efficiency of Al Shedd as caddie boy.

WINSLOW AND ALLYN

Saturday opened with misty rain which could not, however, damp the energies of the golfers and the weather cleared in the afternoon for a ball game which would have brought tears to the eyes of even a Philadelphian. The Roosters with Maurice Delano as captain and boxman defeated Al Shedd's Incapables by 15 to 4 in three innings. George Anthony and Al Shedd were the alleged pitchers for the losing team and the bulk of the fielding was done by Charley Wing and Lester Gardner who were kept quite busy extracting the ball from the hedge bordering a right and

left field respectively. It is thought that Lester retrieved some 20 more balls than Charley and he certainly lost a good 20 pounds in the process.

The tennis tournament whose score is indicated below, was begun on Saturday and completed on Sunday morning. Allston Sargent (Cheers and laughter) would no doubt have won if he could have stayed long enough to finish (more cheers and laughter); but as things were Jack Underwood romped through an easy but somewhat puffing winner.

Saturday evening the ladies dined early and the room was cleared for the Wild Life of Lebanon and other places. Our Colonel Bob who led the Pop Gun Parade in 1913 and the regiment with real guns in 1917-1918 was toastmaster. He omitted nobdy but made each speak for himself allowing no one however to talk for more than three hours. M. deK. Thompson made the shortest speech and Faneuil Newtonville Sargent made the longest. In fact Sargent, dissatisfied with his turn well down in the alphabet tried to talk when Roger Babson was called.

WEIMER

LORD, WALLACE, SARGENT

Roger usually remembers all the way stations of the B. and A. between Wellesley Hills and its principal suburb, but in the indignation of the moment he remembered only Newtonville and Faneuil. However he shut Allston off and made probably the most notable speech of his career. Peavey had been obliged to leave before the dinner and many wondered if it was from fear of seeing Rogers' downfall. However he need not have worried. Roger rose to

Russ and Sargent

the intellectual level of Ninety Eight on gala day. If you have listened to him talking finance by radio and did not believe he was capable of it you can ask anyone who was at the reunion class dinner. Ninety eight has the honor of being the only class with two members on the Technology Corporation and Lansingh and Gardner probably learned much at the reunion which will benefit Technology.

Forty-five speeches were delivered and Allston Sargent also spoke (cheers and laughter). Ed Chapin reported on the cabaret life of Paris and its relation to the dye stuff business. George Wright told us how he cured a hippopotamus of the toothache by reciting a poem to it. Lester Gardner had a committee appointed (as usual). The prize for the shortest speech went to Maurice DeKay Thompson,—for the best to Jack Underwood. The real life of the party was furnished however by the Heavenly Twins, Roger and Allston (cheers and laughter). Roger's infectious spirits and beauty of form and feature, Allston's sterling character and invincible modesty, typify all that is finest in that glorious tradition which proves '98 the greatest class that ever graduated from the best old institution in the world.

At our Fifteenth Reunion Hon. Edgar A. Weimer, Mayor of Lebanon, Pa., talked his entire three hours and showed how a man of the intelligence of Tech graduates owed twenty per cent of his time to the community, himself being a notable example. Since 1913 he has acquired a new honor as Director of the Wild Life League of Pennsylvania,

Anthony and Lord

Bob Allyn's
Big Girl

Dan
Mixologist

and our class considered it appropriate to bestow on him the title of Wild Life Edgar. He confessed to be totally devoid of a sense of humor and if he could not talk seriously he would have to sit down. Great applause and cries for Wild Life prevented, and he chose obedience to the law as the theme of his discourse. If men of the high intelligence of Ninety Eight set the example of observance of even such an obnoxious law as the Volstead Act, the masses, for whose benefit the law was designed would cheerfully fall in step in respecting it. He was loudly cheered by Bob Wallace. We don't believe Edgar when he says he has no sense of humor. Had he none he could not have stood the kidding he got, but he stood it and got his message across and

At Ease

EVERYBODY "LOOKING PLEASANT"

much more effectively because of the kidding; and we believe that it will stick just as his 1913 talk stayed by us and bore fruit in school committees and town councils and countless non-remunerative public service jobs.

Charlie Winslow is the most finished speaker of the greatest class graduated from Tech and as such he was chosen to present the message from the Alumni to Dr. Stratton at his Inauguration as Tech's new President the following Monday. He added further to his laurels by winning the Bridge prize at the reunion.

Sunday was a quiet day, devoted to tennis, golf, reminiscences, greeting the late comers, saying farewell to those who had to leave early, and getting acquainted with the ladies who graced the occasion: Mrs. Allyn and four children, Mrs. Anthony, Mrs. Barker, Mrs. Belcher, Mrs. Bodwell, Mrs. Lansingh, Mrs. Murlless, Mrs. Osgood, and Mrs. Russ.

Monday morning those who were left played golf and shortly after lunch started for home. Everybody had a good time and voted that the chairman of the Reunion Committee, Elliot Barker, deserved the greatest credit,—enough events planned to keep everbody interested, not too much to interfere with the main purpose of a class reunion of renewing the comradeship of our student life. To everyone who came gratitude is due for making the occasion a success, to all who could not come much sympathy is extended for missing a grand occasion, and hope for better luck on our thirtieth and so on to our fiftieth and seventy-fifth. Everyone present pledged himself to come to all succeeding reunions and this will certainly make a splendid nucleus for the others.

THE 25TH REUNION SONG

We're gathered here as members, a jolly loyal throng
To talk about the class we love and join in cheerful song,
With hearty chorus ringing loud, joined in by every mate
We sing to-night the praises of the Class of Ninety-eight.

Chorus.

Oh! ! the Class of Ninety-eight
Oh! ! the Class of Ninety-eight
We'll sing to-night the praises of the Class of Ninety-eight
With hearty chorus ringing loud, joined in by every mate
We'll sing again the praises of the Class of Ninety-eight.

We're glad we are in Saybrook and happy as can be
For joy alone should fill the hearts of those as blest as we,
We'll try to have a jolly time, a pledge from every mate
And ere we part, we'll drink (!) the health of good old Ninety-eight.

Chorus.

Oh! ! the Class of Ninety-eight
Oh! ! the Class of Ninety-eight
In loving cup, we'll drink the health of good old Ninety-eight
With hearty chorus ringing loud, joined in by every mate
We'll sing again the praises of the Class of Ninety-eight.

The Roosters — and Champions

REUNION RESULTS

The following is the complete registration at the Reunion,—Lord, Russ, Fenner, Underwood, Byam, Wing, Gardner, Winslow, Wallace, Alvan L. Davis, Pease, Lansingh, Streng, Paul F. Johnson, Danforth, Belcher, Barker, Blanchard, Dawes, Anthony, Allyn, Daly, Delano, Edgerly, Bodwell, Warren, E. F. Ayres, Murlless, Babson, Weimer, Peavey, Sargent, Wesson, M. DeKay Thompson, DeGolyer, House, D. Q. Brown, Colcord, Cottle, Chapin, Shedd, Kaufman, Wright, Treat, Osgood, a total of 45.

The ladies were,—Mrs. Bodwell, Anthony, Barker, Belcher, Russ, Murlless, Osgood, Allyn and Lansingh. Bob Allyn's two boys and two girls were also guests.

Courses represented at the class dinner

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
Men	6	13	3	3	7	4	1	1	4	0	0	0	1

Districts represented at class dinner
Boston, 10, New England outside of Boston 7, N. Y. City 13, Middle West 6, West of Miss. River 2, South of Mason & Dixon line 3 and Miscellaneous 2.

Committee on Memorial.—Babson, Treat, Winslow, Gardner and Wallace.

Our swimmers were Anthony, Wallace, Thompson and Underwood. So far as we know Anthony and Thompson really took a dip but Wallace and Underwood only wet one toe.

Tennis Tournament,

Preliminaries.	Semi-finals	Finals
Underwood vs 6-1, 6-2	6-2, 6-2	6-1, 6-2
Wright defeated		
Thompson vs. 6-0, 6-2	defeated	
Winslow defeated		
Sargent vs. 6-2, 6-4	defaulted	
Delano defeated 7-5	to Wing	
Wing vs. 6-0, 6-1		
Dawes defeated		

The tennis prize went to John de Loss Underwood and the golf prize to Howard Bodwell. Afternoon saw the line up of the baseball game.

The Roosters	The Invincibles
Maurice Delano, Captain	Al Shedd, Captain
c. Russ	1b Allyn
p. Delano	l.f. Wing
s.s. Sargent	c.f. Winslow
2b Edgerly	p. Anthony
3b Barker	2b. Bodwell
1b Weimer	3b. Ayres
r.f. Streng	r.f. Gardner
c.f. Wright	s.s. Byam
l.f. Blanchard	c. Shedd

Umpires: Roger Babson, Van Lansingh

The final score of 15 to 4 in favor of the Roosters in five innings bears testimony to Del's unimpaired pitching arm and to Home Run Barker's ability with the stick.

Roger Babson, well and favorably known as Allston Sargent's twin (cheers and laughter) took the family prize reporting "several" children but as far as tangible evidence went Bob Allyn was in the lead with 11 feet of daughters and 10 feet of sons actually present.

The Invincibles

BARKER

The Class voted the following attributes to those attending the Reunion.—

Best Reunion Organizer, Barker; Handsomest, Underwood; Youngest, Cottle; Wittiest, Winslow; Fatest, Johnson; Thinnest, Belcher; Loquacious, Babson; Best mixer (hic), Edgerly; Best athlete, Delano; Most frivolously dressed, Lansingh; Tallest, Allyn; Shortest, Davis; Least changed, Barker; Best advertiser, Babson; Best transportation expert, Fenner; Bravest, Anthony; Worst bridge player, Kaufman; Soberist, Weimer; Happiest, Wallace; Best Dresser, Lord; Best Secretary, Blanchard; Most changed, Pease; Took off most weight, Gardner; Best Golfer, Bodwell; Best Caddie, Shedd; Best Tire changer, Russ; Biggest Bridge Winner, Winslow; Loudest, Sargent; Most Dignified, Thompson; Longest on Water Wagon, Brown, Best hippopotamus doctor, Wright; Frenchiest, Chapin; Most prosperous looking, Treat; Best Trimmed whiskers, Colcord; Most determined, Byam; Least like a Professor, Danforth; Our "Hell and Maria," Dawes; Best judge Kentucky Cold Curer, Col. Streng; Most Popular Brooklyn Dentist, Daly; Quietest, Peavey; Most Distinguished, House.

THE TENNIS TOURNAMENT

THE '98 CLASS MEMORIAL

For about a year several of the class have been considering a memorial to the Class of '98. Many suggestions were received and presented at the reunion dinner. A committee was selected to represent the class in selecting the memorial and raising the fund. The men selected are: C.-E. A. Winslow, Chairman, Roger W. Babson, George W. Treat, R. B. Wallace, Lester D. Gardner.

The following letter to President Stratton from Winslow gives an idea of the preliminary plan.

"I want to congratulate you most warmly on the great success of the inauguration and to express again my earnest good wishes for your future and that of the Institute, which I hope may be one for a long time.

I have been appointed chairman of a committee of the class of '98 which is arranging for a modest gift to the Institute in commemoration of our twenty-fifth anniversary. We have only made a preliminary canvass as yet and do not know how much money will be available though it will probably be somewhere between $5000 and $10,000. We want to consult you before going further in regard to the form which the gift should take.

We thought first of attempting to put up some small permanent memorial on the Institute grounds and then the idea of a scholarship was suggested but the plan which seemed on the whole best to the committee was to make the money a nucleus for a '98 fund which might attract future gifts from the class and particularly bequests to be incorporated in the wills of class members. I should very much like to know whether you think this would be a good plan. We should like to keep some sort of individuality for the fund while leaving it as free as possible for Institute uses and I am wondering if the Institute would be willing to accept a gift of this kind, the interest or part of the principal to be used from time to time for any purposes approved by a class committee serving as trustees. As a matter of fact I feel sure that our class would accede to any use that might be indicated at any time, but it would help us in raising the money to have a separate fund of some sort in existence with such a board of trustees. Of course this beginning is a very small one but I see no reason in view of the financial status of some members of the class why it should not be the nucleus of something substantial as the years go on."

PRESIDENT STRATTON'S REPLY

"I beg to acknowledge the receipt of your letter of June 12th with reference to a gift to the Institute in commemoration of the twenty-fifth anniversary of the Class of '98.

There are many ways by which such a gift may be of use to the Institute and at the same time a suitable expression of the Class interest in the institution. Personally, I prefer the scholarship or fellowship plan where the fund is not sufficiently large to erect a building, for the reason that it enables the institute in many cases to select an exceptional man who otherwise might not be able to attend college.

I am asking the various alumni centers to provide for one or two scholarships, not necessarily endowed, but simply a guarantee for four years at a time, with the suggestion that they be made competitive. This would not only provide for exceptional students but would keep the Institute before the graduates of the preparatory schools including high schools.

I presume that the Class would prefer the endowment plan, that is to say, a fund to which you could add from time to time, the income only to be used for scholarships, the scholarships so provided for should bear the name of the class. This, of course, is the better plan.

There is another plan for assisting students which is being considered at several institutions at the present time, namely, the establishment of a fund out of which loans are made to students at a small rate of interest.

I see no reason why the class should not keep some sort of individuality in connection with the fund, in fact, I think it is preferable that it do so. I am sure the Institute would not hesitate a moment to accept a gift of that kind, that is to say, the interest or part of the principal to be used from time to time for any purpose approved by a class committee serving as trustees. That would be another tie between the Class and the institution which I think is very desirable."

The committee is anxious to receive any suggestions from members of the class who were not at the Reunion. They can be sent to Prof. C.-E. A. Winslow, Yale University, New Haven, Conn.

TECHNOLOGY'S MASCOT—THE BEAVER
CHOSEN BY '98

President's House and Dormitories

Please send information about those Classmates whose addresses are given as unknown to the Class Secretary, Arthur A. Blanchard, Mass. Inst. Tech., Cambridge, Mass.

Acknowledgements

The following pages contain a complete list of all who were ever members of the Class of Ninety Eight with the exception of those who were more intimately associated with other classes and prefer to affiliate with the latter. The present personal sketches are confined for the most part to the time since 1913 when our fifteen year book was published.

The response to the call for data for this book was very prompt and complete—the only trouble being that too great modesty prevailed in setting forth one's achievements. It is apparent, in spite of the modesty which prevails among our classmates, that Ninety Eight is playing an influential part in the life of the Nation. We have prominent men in almost all of the professions,—Clergymen, Lawyers, Physicians, Teachers, Architects, Economists, Soldiers, Administrators. We also have leaders of important engineering, manufacturing and business enterprises, and the list of presidents, vice-presidents and directors of vast companies is indeed imposing.

The financing of this book has been extremely simple. With the first call for information a note was sent suggesting that those who wished to have a 25 year book published should contribute about ten dollars apiece;—if not enough interest was shown, the book would not be issued. No further call for contributions has been made for the response to this one call has been sufficient. Following are the names of those to whose interest we owe the book.

CONTRIBUTORS TO CLASS BOOK

While the response for contributions for the class book have been very satisfactory, there may be others who receive it that will wish to add to the fund. A copy has been sent to every former member of the class. You can mail a check to Arthur Blanchard, M.I.T., Cambridge, Mass.

George W. Adams
Robert S. Allyn
George R. Anthony
Milan V. Ayres
Elliot R. Barker
John S. Bleecker
Howard L. Bodwell
Ernest A. Bragg
Frederick W. Clapp
Frank E. Coombs
George T. Cottle
Alvan L. Davis
Maurice F. Delano
Daniel W. Edgerly
Ray C. Faught
David C. Fenner
Lester D. Gardner
John N. Goddard
Hollis Godfrey
George McM. Godley
Outerbridge Horsey
Ralph T. Horton
John H. House, Jr.
Arthur F. Howard
Seth K. Humphrey
Charles S. Hurter
Areli H. Jacoby
Paul Johnson
Harold W. Jones
Irvin Hayes Kaufman
Arthur S. Keene
Robert Lacy
John H. Lambert
Mrs. John H. Lambert
Van R. Lansingh
Walter H. Lee
Owen L. Leonard
Percival H. Lombard
Herbert I. Lord
George E. Mathews
Edward N. Milliken
Willard B. Nelson
A. Appleton Packard
Ellwood B. Paige
Charles H. Pease
Leroy D. Peavey
Charles W. PenDell
Shirley S. Philbrick
Frank L. Richardson
Ralph R. Rumery
Ernest F. Russ
Benjamin F. W. Russell
Homer E. Sargent
Lewis J. Seidensticker
Lewis S. Streng
William H. Tew
Rudolph Tietig
Albert W. Tucker
Karl W. Waterson
Norman Watkins
Edgar A. Weimer
Clifton W. Wilder
Ralph E. Wilder
William A. Wilder
Raymond S. Willis
Charles F. Wing, Jr.
David L. Wing
George H. Wright

Burton A. Adams, Course II.

Born 1875, married, two children
Residence: 41 Irvington Street, Springfield, Mass.
Business: Technical High School, Springfield
Director of Shops and Business Agent in Technical High School
Supervisor of Manual Arts in Junior High and Elementary School
Principal Evening School of Trades
Member of School Board in Essex, Mass., one term
Military Service: Major, Infantry . Served two years overseas. G.H.A. citation for "conspicuous and meritorious" service
Professional Societies: National Education Association
Eastern Arts Ass'n
Educational Club of Springfield, Mass.; Teacher's Economic Ass'n
Mass. State Teachers Federation
Social Societies: American Legion—Post Vice Commander Military Order of the World War; Realty Club; Automobile Club of Springfield, Mass.; Sons of American Revolution; Springfield Fish and Game Association

George W. Adams, Course IX.

Born 1874; unmarried
C.S.B., 1898, Mass. Metaphysical College
Residence: Kingston, Mass.
Business: 140 Boylston Street, Boston, Mass.
Practitioner of Christian Science and Clerk of the First Church of Christ, Scientist in Boston

Donald N. Alexander, S.B., Course IV.

Address unknown
B.D. Episcopal Theological School, Cambridge, Mass., 1904
In 1913: Assistant Minister of Christ Church, Springfield, Mass.

Leon Alland, S.B., Course I.

Born 1876, married, no children
Residence: Hartsdale, New York
Business Address: Bible House, New York
Treasurer—Alland Bros. & Co., Inc., Importers of Straw Braids
Social Societies: Technology Club of New York, Fairview Country Club, Westchester, N. Y.

Jerome R. Allen, Course IV.

Born: 1871, married; two children
B. A. Williams, 1895

Residence: 11 Hemlock Place, New Rochelle, N. Y.
Business: 101 Park Avenue, New York, N. Y.; Firm of Ewing and Allen
Civilian Service during War: Architect, Bureau Yards and Docks, Navy Dept. and Ordnance Dept., War Dept., designing and laying out cantonments, barracks, hospitals, industrial villages, and laboratories.
Professional Societies: American Institute of Architects
Social Societies: Alpha Delta Phi, Williams College

Leslie C. Allen, Course VI.
20 Centre Street, Brockton, Mass.

Robert Starr Allyn, S.B., Course II.
Born 1875; married; four children
Residence: 24 Irving Place, Brooklyn, N. Y.
Business: 41 Park Row, New York
Law of Patents and Trade, Trustee of Clark Metal Lath Patents.
Alderman, New York City
Military Servce: Major C.A.C. 57th Artillery, St. Mihiel and Meuse-Argonne, Fire command, Ft. Hancock and Pres. General Court Martial. (now Lt. Colonel, C.A. O.R.C.)
Professional Societies: A.S.M.E., A.E.-C. Soc., New York County Lawyers Association, American Patent Law Ass'n, N. Y. Patent Law Ass'n.
Social Societies: Technology Club of N. Y.—Pres.
Brooklyn Engineers Club.—Pres.
Metropolitan Conference of Unitarian Churches—Pres.
Veterans of Foreign Wars of U. S. Judge Advocate General
Third Unitarian Congregational Church of Brooklyn—Pres. Board of Trustees.

John W. Ames, Course IV.
Address unknown

George R. Anthony, Course II.
Born 1876; married; two children
Residence: 11 Proctor Boulevard, Utica, N. Y.
Business: Hart & Crouse, 301 Turner Street, N. Y.
Vice President, Hart & Crouse Co., Utica, N. Y.; Vice President, Wolverine Tube Co., Detroit, Michigan
Military Service: Plattsburgh Training Camp—Aug., 1916; Captain, Michigan State Troops, 1917, 1918
Social Societies: Detroit Athletic Club, Detroit Boat Club, Detroit Board of Commerce, Fort Schuyler Club, Utica, N. Y., Utica Chamber of Commerce, Phi Beta Epsilon Fraternity—M.I.T.

George H. Archibald, Course I.
Vice Pres. Archibald and Holmes, 306 Continental Life Bldg., Toronto, Ontario, Canada

Lyman Arnold, S.B., Course VI.
54 Park Street
Lynn, Massachusetts
With Gen. Electric Co., Lynn, Mass.

Ernest Flagg Ayres, Course III.
Born 1875; married; three children
Residence: 145 East Bannock Street, Boise, Idaho
Business: Hotel Burlington, Washington, D. C.
Washington Correspondent for "American Contractor", Chicago
Free lance writer
Military Service: Captain, Engineers, U. S. Army, Dec. 27, 1917—Oct. 1, 1919
Professional Societies: American Ass'n. of Engineers, Nat'l Director. Society of Military Engineers.
Social Societies: Sons of the American Revolution; Masons; Artists' and Writers' Club of Idaho; Boise Writers' Club; American Legion.

Milan V. Ayres, S.B., Course VI.
Born 1875; married; two children
Business: 400 North Michigan Avenue, Chicago, Armstrong Bureau of Related Industries—Statistician and Analyst
Military Service: Major, General Staff, U.S.A. (chief Statistical officer, General Staff) Now on General Staff Eligible List
Professional Societies: American Statistical Association

Roger W. Babson, S.B., Course I.
Born 1875 married; one daughter
Residence: Wellesley Hills, Mass.
Business: same
The Babson Statistical Organization; The Babson Institute; The Babson Park Co.; Vice-Pres. Newton Trust Co.; Vice-Pres. Adirondack Power & Light Corp.; Director, Mississippi River Power Co.; Director, New Mexico & Arizona Land Co.; Chairman of the Board, Eastern Mass. Street R. R. Co.
War Service: Director General of Information and Education of Labor Administration, in charge of the publicity and educational work carried on by the Govt. to interest industry in the war and the nation in industry
Professional Societies: Am. Statistical Assoc.; Am. Economic Assoc; Royal Statistical Soc. of London
Achievements: Much might be written of Babson's achieve-

ments but perhaps the spirit of them will be given by an extract from an article recently published in the Tech Engineering News: This, briefly, is the Babson vision. Thru all his endeavor he has emphasized the fact that the one great cause of social and business troubles is the lack of understanding between the employer, employee, and the general public. He believes that true religion is really the foundation of all business and social success. In several of his books he has brought this question to the front. Notable among them are "Future of the Working Classes", "Future of the Churches", "Fundamentals of Prosperity", "New Tasks for Old Churches", "Religion and Business", and "Enduring Investments." Others of his books are his first and monumental work, "Business Barometers", also "Future of South America", "W. B. Wilson and the Department of Labor", "Making Good in Business", "Business Fundamentals" etc.

Grace D. Bachelder, Course VII.

78 St. James Avenue
Boston, Mass.
Teacher of Domestic Science, Boston Schools

Lyman E. Bacon, S.B., Course I.

Apartado 173
Oaxaca, Oax, Mexico
Civil Engineer, firm of Finney & Bacon

Joseph Bancroft, S.B., Course X.

Born 1875; married; no children
Residence: Wilmington, Delaware
Business: same
Vice-President—Joseph Bancroft & Sons Co.; President—Huntingdon & Broad Top Mountain Railroad and Coal Co.; Director in various other companies; Municipal—Board of Harbor Commissioner, City of Wilmington
Civilian Service during the World War: Chairman, Local Board No. 1, City of Wilmington; Chairman, Bituminous Coal Committee of Fuel Administration
Professional Societies: American Chemical Society; American Society of Mechanical Engineers; American Institute of Chemical Engineers
Social Societies: Rotary Club; B.P.O.E.; Temple Lodge No. 11, A. F. & A. M.; Gunning Bedford Council No. 1; Delta Chapter No. 6 R.A.M.; Delaware Consistory; St. John Chapter No. 1, Knights Templar; Lu Lu Temple, A.A.O.N.M.S.

Elliott Barker, S.B., Course V.
Born 1876; married; five children
Residence: 26 Lombard Road, Arlington, Mass.
Business: 79 Milk Street, Boston, Mass.
Chemical Engineer Furnishing expert services and equipment for sulphite pulp and paper mills; Member of Arlington (Mass.) Finance Committee; Member of Arlington (Mass.) School Committee
Professional Societies: Am. Chem. Soc.; Am. Electrochem. Soc.
Social Societies: Hiram Lodge of Masons, Arlington, Mass.
Achievements: Chairman of '98 Technology Endowment Fund Campaign; '98 Member of Alumni Council, M.I.T.; Chairman 25th Reunion Committee

Harrington Barker, S.B., Course II.
Born 1875; married; no children
Residence: 4412 15th Street, N. W., Washington, D. C.
Business: United States Patent Office, Washington, D. C.
Principal Examiner, United States Patent Office
Legal Advisory Board, during Draft
Social Societies: Corinthian Yacht Club (Commodore, 1914) of Washington, D. C.; United States Power Squadrons. Junior Navigator

William H. Barlow, S.B., Course V.
Died March 18, 1912

Alfred L. Barrett, Course V.
Address unknown

Anna Barrows, Course VII.
Fryeburg, Maine

Henry C. Belcher, S.B., Course II.
Born 1874; married; two children
Residence: Proctor, Vermont
Business: same
Mechanical engineer for Vermont Marble Co.
Professional Societies: Am. Soc. Mech. Eng.
Achievements: Son, Harold H. in Sophomore Class Course II at M.I.T.

Stewart S. Bell, Course VI.
Maloney Electric Co., 80 Woburn Street, Reading, Mass.

Carroll Bennink, S.B., Course IV.
Born 1875; unmarried
Residence: University Club, Washington, D. C.
Business: same address
Architect
Military Service during War: Director A. Red Cross, department of the Meuse, 1918, same dept. of Marne, 1919. Rank, Major

H. J. Benson, Course III.
Born 1869; married; one child
Residence: 1017 N. 12th Street, Boise, Idaho
Business: Empire Bldg., Boise, Idaho
Mining Engineer

Francis P. Bergen, S.B., Course VI.
145 Capitol Avenue, Hartford, Connecticut

George E. Bergstrom, S.B., Course IV.
1129 Citizens Nat'l Bank Bldg., Los Angeles, Calif.
Architect

Gertrude Bigelow, B.S.
19 Shattuck Street, Natick, Mass.
Teacher, Walnut Hill School

Frederic L. Bishop, S.B., Course VIII.
Born 1876; married; one child
Ph.D. University of Chicago, 1905
Residence: 4367 Schenley Farms Terrace, Pittsburgh, Pa.
Business: University of Pittsburgh, Pittsburgh, Pa.
Dean, School of Engineering, and Professor of Physics, University of Pittsburgh
Civilian Service during War: Chairman, Engineering Educational Committee, Council of National Defense; Educational Director, Pittsburgh University Training Detachment, U.S.A., 5,000 men
Professional Societies: Secretary, Society for the promotion of Engineering Education; Member and Treasurer, Highway Education Board; Member American Physical Society; Fellow American Association for the Advancement of Science; Member, American Mathematical Society; Member, Engineers Society of Western Pennsylvania; Member, American Institute of Electrical Engineers
Social Societies: Cosmos Club, Washington, D. C.; University Club, Pittsburgh; Chamber of Commerce, Pittsburgh

William D. Blackmer, S.B., Course III.
Born 1876; unmarried
Residence: Mocorito, Sinaloa, Mexico
Business: same
Vice Pres. and Gen. Mgr. Cia Minera de Palmarito, S. A.
Professional Societies: Am. Inst. of Mining and Metallurgical Engrs.

Arthur A. Blanchard, S.B., Course V.
Born 1876; married; four children
Ph.D., Leipzig, 1902

Residence: 25 Evans Road, Brookline, Mass.
Business: Mass. Inst. of Tech.
Associate Professor of Inorganic Chemistry; Consulting Chemist
Service during War: Private, Mass. State Guard, honorably discharged; re-enlisted at beginning of Boston police strike and served as policeman six and one-half weeks
Professional Societies: Am. Assoc. Adv. Sciences; Am. Chem. Soc. N. E. Assoc. Chem. Teachers; Am. Assoc. Univ. Professors; Am. Forestry Assoc.; Am. Academy Arts and Sciences
Social Societies: Rexhame Country Club; Unitarian Laymen's League; Appalachian Mountain Club
Achievements: Several textbooks, the most recent being Foundations of Chemistry and Third Edition of Synthetic Inorganic Chemistry (both used at M.I.T.) Recent lectures and addresses on "The Unity of Science and Religion" and on the Constitution and Structure of Atoms

John S. Bleecker, S.B., Course II.
Born 1878; married; five children
Residence: 1112 East High Street, Springfield, Ohio
Business: c/o I. C. & E. Traction Company, Springfield, Ohio
Vice- President and General Manager, The Indiana, Columbus & Eastern Traction Co., Vice-President and General Manager, The Columbus, Newark & Zanesville Electric Railway Co.
Professional Societies: American Electric Railway Association; Member of Committee for the Cost of Construction and Maintenance of Highways for Motor Vehicles
Social Societies: Rotary Club, Springfield, Ohio

George W. Blood, Course IV.
59 Cedar St., New York

David H. Blossom, Course I.
P. O. Box 696, Salt Lake City, Utah
In 1913 reported notable achievements in irrigation work in Utah

Fred C. Boardman, Course VI.
18 Winnemay Street, Natick, Mass.

Howard L. Bodwell, S.B., Course II.
Born 1876; married; two children
Residence: 244 Franklin Avenue, Vandergrift, Pa.
Business: Vandergrift, Pa.
Ass't District Manager, American Sheet and Tin Plate Co.
Civilian Service during the World War: Ass't District Manager American Sheet and Tin Plate Co., Mfg. Helmets,

Govt. kitchens, etc., for govt.; Member, American Protective League; Member, Local Comm. of Public Safety for Westmoreland Co.
Professional Societies: A.S.M.E.
Social Societies: Masonic, Shrine

George H. Boeck, Course IV.
622 Chestnut Street, St. Louis, Missouri

George H. Booth, S.B., Course II.
Inspiration Cons. Copper Co., Inspiration, Arizona

Martin Boyle, S.B., Course V.
Born 1876; unmarried
B.L. 1913, Georgetown University Law School
Residence: 1369 East Capitol Street, Washington, D. C.
Business: Bureau of Chemistry, U. S. Dept. of Agriculture

Ernest A. Bragg, Course II.
Born 1869; married; four children
Residence: 17 South Main Street, Milford, Mass.
Business: same, with Draper Corporation, developing special automatic machinery; special photographic work
Social Societies: Past Grand in Independent Order of Odd Fellows, Member Masonic Fraternity; Leader: Hopedale Mandolin Club; Supt.: Milford Methodist Sunday School for 17 years
Achievements: Son in Sophomore Class at Tech.

Clinton E. Bray, Course VI.
Died Jan. 14, 1918

George H. Breed, Jr., Course IV.
Address unknown

Arthur F. Brewer, Course VI.
15 John Street, Boston, Mass.
Manager Eastern Butter Co.

William Brewster, S.B., Course II.
Born 1878; married; three children
Residence: Lewisburg, West Virginia
Business: Charleston, West Virginia
Senior Highway Engineer, U. S. Bureau of Public Roads, in charge of Federal Road Work in West Virginia
Civilian Service in War: Mechanical Engineer, Gillespie Loading Co., Morgan, New Jersey; Mechanical Engineer U. S. Ordnance Dept., Morgan, N. J.
Professional Societies: American Association Engineers—Vice-President, Charleston Chapter 1921
Social Societies: Masons

Cardella D. Brown, Course VI.
28 Millet Road, Swampscott, Mass.

Dickson Q. Brown, S.B., Course VI.
Born 1873; married; no children
A.B. Princeton University, 1895
Residence: 400 Park Avenue, New York City
Business: 11 Broadway, New York
Vice President—Tide Water Oil Co.
Professional Societies: American Society of Mechanical Engineers; American Institute of Mining and Metallurgical Engineers; American Institute of Electrical Engineers
Social Societies: Technology Club of N. Y., formerly Vice-Pres. and other clubs, college, golf and social

Harry E. Brown
Address unknown

Harriett J. Buck, (Mrs. H. J. B. Pontasse) Course VIII.
8 Spring Street, Westerly, R. I.

George Burnham, S.B., Course IV.
R. D. No. 4, Portland, Maine

William L. Butcher, S.B., Course I.
Married; two children
S.B., M.I.T.
Residence: 38 Barnstable Road, West Newton, Mass
Business: 245 State Street, Boston
Treasurer, The Butcher Polish Co.

Winthrop F. Butler, Course V.
Born 1874; married; two children (boys)
Residence: 152 Allston Street, West Medford, Mass.
Business: Customs House, Boston
U. S. Customs Service
Social Societies: Mason—Past High Priest of Chapter

Elwell R. Butterworth, S.B., Course II.
Born 1874; married; two children
Residence: 107 Cambridge Street, Winchester, Mass.
Business: 111 Putnam Avenue, Cambridge, Mass.

L. H. Byam, S.B., Course I.
Born 1876; married; two children
Residence: 51 Edgecliff Terrace, Yonkers, N. Y.
Business: 70 East 45th Street, New York
Secretary-Treasurer, Elliot C. Brown Co., Gen'l Contractors and Engineers, New York City
Military Service: Major, Corps of Engineers; Engineer Officer in charge of Construction 3d Aviation Instruction Center, Issoudon, France
Professional Societies: Member American Society of Civil Engineers; Member Society of American Military Engineers
Social Societies: Alan Waite Post American Legion

Walter T. Camp, Course II, IX.
57 Exchange Street, Portland, Maine

D. C. Campbell, S.B., Course II.
Born 1873; married; two children
Residence: 2124 Manito Blvd., Spokane, Washington
With Credit Department Standard Oil Co., of California
Social Societies: B.P.O.E. No. 228, Spokane

Percy A. Campbell, Course VIII.
307 Verona Avenue, Newark, N. J.
S.B., Harvard, 1907
In 1913: Research Engineer Gen. Electric Co.

Joseph L. Carr, Course I.
Civil Engineer and Surveyor, 90 Bellingham Street, Chelsea, Mass.

John F. Cashman, Course VIII.
Address unknown

Alfred H. Caspary, Course VI.
Address unknown

Ira Mason Chace, Jr., S.B., Course I.
Born 1876; married; one child
Residence: 131 Bedford Street, New Bedford, Mass.
Business: 302 Municipal Building, New Bedford, Mass.
Assistant Engineer, City of New Bedford
Professional Societies: American Society of Civil Engineers; American Railway Engineering Association

Edward S. Chapin, S.B., Course V.
516 Atlantic Avenue, Boston, Mass.
No reply to recent call for statistics. He is in Paris with his family where he represents the American Dyestuff interests in regard to the German reparations. He has followed the line of dyestuff chemistry since graduation with conspicuous success. He has published many articles in the trade journals and technical pamphlets. He has held a number of Municipal offices. He has two daughters.

Wendell W. Chase, Course II, IV.
Born 1875; married; no children
B.C.E. Univ. of Maine, 1895; C.E. Univ. of Maine, 1899
Business: 501 Fifth Ave., New York City
General Manager, American Automobile Association, Metropolitan Division
War Service: Member Priorities Committee War Industries Board
Social Societies: Beta Theta Pi

Durand Churchill, Course VI.
c/o Mrs. A. G. Spalding, Point Loma, California

Frederick W. Clapp
Born 1874
Residence: 1296 Worcester Road Framingham Centre, Mass.
Business: Danforth Clark & Co., 19 Edinboro Street, Boston

Mabel Delano Clapp (Mrs. Frederick T. Lord) Course XII.
305 Beacon Street, Boston, Mass.

Henry H. Clark, Course IV.
Address Unknown

Walter A. Cleaveland, Course II.
Born 1875; married; six children
Residence: 10907 Tacoma Avenue, Cleveland, Ohio
Business: Board of Education, E. 6th & Rockwell Streets

Paul Clifford, S.B., Course II.
186 Summer Street, Boston, Mass.
Wool Broker

Herbert F. Cobb, S.B., Course II.
Died 1908

Herbert L. Cobb, S.B., Course VI.
410 South Austin Avenue, Oak Park, Illinois
Reported in 1913: married, six children
With Western Electric Co.

Howard L. Coburn, S.B., Course II.
Died June 18, 1918
Achievements: He was the life of our 15th Reunion at Wianno; he endeared himself to the undergraduate students at Tech by his activities in their behalf; in his profession he designed and built dams, many of the largest in the world.

Walter S. Coburn, Course III.
Died Jan. 1, 1915

George Joseph Coffin, S.B., Course VIII.
Ph.D., Clark University, Worcester, Mass., 1903, (Mathematical Physics)
B.S. College Chaptal, Paris; Ph.D. Clark Univ.
Born 1877; married; three children, two grandchildren
Residence: 199 Elizabeth Avenue, Hempstead, L. I.
Business Address: 561 W. 58th St., New York City, N. Y.
Research Physicist Engineer, United States Rubber Co.
War Service: Directing Aeronautical Research, Curtiss Engineering Corporation, Garden City, L. I.
Professional Societies: American Physical Society, since 1900;

American Mathematical Association; American Chemical Society; Amer. Assoc. Adv. of Sci.

Achievements: Numerous Scientific and Aeronautical Papers; Book, Vector Analysis and Its Application to Mathematical Physics—Wiley & Sons. Report of National Advisory Committee for Aeronautics: Bombing Range of Aeroplanes; U. S. Rubber Co. Work: Development of Spray Drying of Latex, Recording Accelerometer for Automobiles and Impact Measuring Device for Road Tests

Frank F. Colcord, S.B., Course III.

Born 1877; married; no children
Residence: 536 W. 111th Street, New York City
Business: 120 Broadway, New York
Vice President, U.S.S. Lead Refinery
Professional Societies: A.I.M. & M.E.; American Electrochemical Society
Social Societies: 32 deg Mason—Shriner

Howard B. Collins, Course III.

P. O. Box 931, Leadville, Colo.

Herbert King Conklin, S.B., Course IV.

Died October 23, 1918

Joseph C. Cook, Course VIII.

Address unknown

Frank E. Coombs, S.B., Course IV.

Born 1872; married; one child
Residence: 1145 Pine Street, San Francisco, California
Business: 1111 Crocker Building, San Francisco, California
Manager Roof Tile Department, Gladding McBean & Co.
Civilian Service during War: Supt. of Materials, William C. Hedrick Construction Co., Dallas, Texas, Building Aviation Camp, Love Field

Worthington Cornell, S.B., Course VI.

Born 1877; married; no children
Residence: 20 Park Street, Malden, Mass.
Business: 147 Milk Street, Boston
Insurance Dept., Stone & Webster, Inc.
Professional Societies: National Fire Protection Ass'n.; New England Street Railway Club

Wm. B. Corson, Course II.

Care W. & T. Sloan, 46 Fifth Avenue, New York

William E. Cotter, S.B., Course IV.
12 Harvard Street, Somerville, Mass.

George T. Cottle, S.B., Course V.
Born 1877; unmarried
Business: 119 Sussex Avenue, Newark, N. J.
President, A. A. Wire Co., Inc.
Professional Societies: American Chemical Society; American Inst. Electrical Eng.
Social Societies: Lotos Club, New York, 32 deg Mason

Allen H. Cox, Course IV.
6 Hancock Avenue, Boston, Mass.
Reported 1913: married; one child
Firm of Putnam & Cox, Architects

Eva Hayes Crane (Mrs. P. B. Morrill) S.B., Course IV,
Born 1874; two children
230 Woburn St., West Medford, Mass.

George W. Craven, S.B., Course VI.
Born 1871; married; two children (girls)
Residence: 951 Caledonia Street, Butte, Montana
Business: Montana State School of Mines, Butte, Montana
Pres. Montana State School of Mines; Consulting Engineer State of Montana
Professional Societes: M.A.S.E., Montana Society of Engineers
Social Societies: A. F. & A. M. filled all offices in York Rite

Orin Crocker, Course V.
318 North West Street, Wheaton, Illinois
B.S. Univ. of Wisconsin; Divinity Course, St. Lawrence Univ.
Reported in 1913: married; Pastor of Church of Redeemer (Universalist) Hooperton, Illinois

Luther A. Crowell, S.B., Course VI.
Died November 1, 1918

Everett F. Currier, Course X.
Born 1874; widower; two children
Residence: 7 Lancaster Road, Ridgefield, N. J.
Business: 69-71 Wooster Street, New York City
Secretary-Ass't Treasurer Columbia Ribbon & Carbon Mfg. Co., Inc.
President—Board of Education

Harvey L. Currier, S.B., Course II.
Born 1875; widower; one child
Residence: Waldron Street & Locust Avenue, St. Albans, L. I., N. Y.
Business: New York Navy Yard, Brooklyn, N. Y.

Supervising Marine Engine & Boiler Draftsman, N. Y. Navy Yard
Civilian Service in War: (same as above)
Professonal Societies: American Society of Mechanical Engineers; International Federation of Technical Engineers; Architects' and Draftsmens' Union

Everett N. Curtiss, S.B., Course IX.
Born 1875; married; one child
Boston University Law School, L.L.B.
Residence: 100 Morningside Drive, New York City
Business: 2 Rector Street, N. Y.
Member of Jones, Addington, Ames & Seibold, attorneys at law
Professional Societies: Engineers Club; Technology Club; Society of Colonial Wars; New England Society; Maine Club; Hamilton Club
Author Manual of the Sherman Law, 1915

Frances G. Curtis, Course in Sanitary Engineering.
Born 1867, unmarried
Residence: 28 Mount Vernon Street, Boston
Boston School Committee, 11th year

Harry A. Curtis, Course IV.
Address unknown

Fred B. Cutter, S.B., Course VI.
Born 1872
Residence: 435 West 119th Street, New York City
Business: c/o F. B. Cutter Co., 50 Church Street, New York
Sales Engineer—Steam and electrical machinery; General Manager F. B. Cutter Co., Vice-Pres. and Treasurer Ovida Mfg. Co.
Professional Societies: Engineers Club; Technology Club; New York Railroad Club
Social Societies: Pomonok Country Club

Eleanor W. Daggett
295 Beacon Street, Boston, Mass.

George W. Dakin, Course III.
44 Evergreen Street, Roxbury, Mass.

Robert E. Daly, CourseV.
328 Ninth Street, Brooklyn, N. Y.
Dentist

William S. B. Dana, S.B., Course IV,
Born 1873; married; one child
Residence: 14 Edgewater Road, Grantwood, New Jersey
Church Organist

Raymond H. Danforth, S.B., Course II.

Born 1877; married; two children
Residence: 2115 Cornell Road, Cleveland, Ohio
Business: c/o Case School of Applied Science, Cleveland
Professor Applied Mechanics and Hydraulics, in charge of Materials, Testing and Hydraulic Laboratories; Consultant in Mechanical and Civil Engineering
Chairman of City Manager Campaign Committee 1921
Professional Societies: American Society Mechanical Engineers; American Society for Testing Materials; Cleveland Engineering Society; Society for the Promotion of Engineering Education
Social Societies: Cleveland University Club; Cleveland Council of Sociology; Cleveland Civic League—Director 1922, Sigma XI.
Achievements: My professional activities outside of school work are principally in the line of expert testimony and the analysis and rectification of faults in engineering works. Our location in the heart of a very varied manufacturing district gives us an unusual variety of problems to solve, but they are almost invariably of special rather than general interest.

Philip H. Dater, S.B., Course I.

Born 1873; married
Williams College, B.A., 1896
Residence: 1345 Wistaria Avenue, Portland, Oregon
Business: Forest Service, Portland, Oregon
District Engineer, U. S. Forest Service; Formerly Engineer—N. Y. State, Portland, Oregon, also Woodburn, Mt. Angel and Molalla, Oregon
Service during War: U. S. Forest Service—assigned civilian duties U. S. Draft Board—Liberty Loan Board, Portland
Professional Societies: Amer. Soc. Civil Engrs., Past Pres. Portland section
Social Societies: Phi Beta Kappa; Theta Delta Chi; University Club, Portland; Portland Golf Club; Masonic—Blue Lodge, Chapter, Knight Templar
Achievements: Prin. Asst. design movable dams, lock and river canalization—N. Y. State Barge Canal; Field Supervision Barge Canal construction including highest lift lock in world located at Little Falls; O.W.R. & N. Regrade plans and construction, Portland, Oregon; Like many other engineers my work is not spectacular. Have administrative part in federal forest road construction and federal water power commission work. Wrote many unpublished reports on large water power projects. Address many chambers of Commerce and other public

bodies principally on road topics. These activities are useful but none is beyond local or state importance.

Alvan L. Davis, S.B., Course III.
Born 1875; married; one child
Residence: 25 Concord Street, Waterbury, Connecticut
Business: P. O. Box 1217
Director of Research—Scovill Mfg. Co., Waterbury; Treasurer—The Bennett Metal Treating Co., Elmwood, Ct.; Member of Borough Council—Edgeworth, Pa.
Professional Societies: A.I.M.E., American Society for Steel Treating; National Economic League; Sound Money League

Arthur T. Davis, Course II.
639 Congress Street, Portland, Maine

Huntley Ward Davis, S.B., Course IV.
Born 1875; married: one child (girl)
Residence: 2 Summerhill Avenue, Montreal
Business: 42 Belmont Street, Montreal
Firm of H. W. Davis, Architect

George R. Davison, S.B., Course VI.
Born 1875; married; two children
Residence: 54 Melrose Place, Melrose Highlands, Mass.
Business: 39 Boylston Street, Boston
Superintendent Technical Division, Edison Electric Illuminating Co., Boston
Professional Societies: National Elect. Light Assoc.
Social Societies: Fidelity Lodge A. F. & A. M.

Fred B. Dawes, Course VI.
Born 1875; married; two children
Residence: 11 Pleasant Street, Hudson, Mass.
Business: 129-133 Main Street, Hudson, Mass.
In business since 1898 as Electrical Engineer and Contractor at Hudson
Military Service: Capt. Engrs.; Asst. Adj., 20th Engrs.; Regimental Unit Supply Officer 56th Engrs.; Camp Signal Officer, Camp Humphreys, Va.; Capt. Co. E 2nd Engr. Training Regt.; C. O. Camp Forrest Casual Det. from Camp Forrest, Ga., to Ongers, France; Adjutant 128th Engrs. C. O. 128th Engrs. Service in France from Oct. 13, 1918 to Jan. 9, 1919.
Social Societies: Major A. A. Powers Camp 5 S of V.
Achievements: Son, Robert T., in Freshman Class, Course XIV at Tech.

Luiz Marinlio de Azevedo, Course VI.
Address unknown

Robert S. DeGolyer, S.B., Course IV.

Born 1876; married; no children
Residence: 1205 Judson Avenue, Evanston, Illinois
Business: 806-7 So. Dearborn Street, Chicago
Firm of Robert S. DeGolyer, Architect
Military Service: Captain, Construction Division, Q.M.C.
Professional Societies: Illinois Chapter, A.I.A.; Illinois Society Architects

Maurice F. Delano, Course I.

Born 1875; married; three children
Residence: Vineyard Haven, Mass.
Business: same
Owns and operates "Owen Farms", A large thorough-bred poultry breeding establishment
Chairman School Board the past ten years. Member Finance Committee for Town for many years
Professional Organizations: Director for New England of the American Poultry Association. Ex-Pres. Rhode Island Club of America, American White Plymouth Rock Club, National White Wyandotte Club, American White Leghorn Club, Am. Buff Plymouth Rock Club, Water Fowl Club of Am., and have been on Executive Boards of various other organizations in my profession.
Social Societies: Marthas Vineyard Lodge, A. F. & A. M.; Vineyard Royal Arch Chapter, Am a Trustee of same. Duodecimo Club, am an ex-president. Barnacle Club
Achievements: My most notable achievement has been to keep a large live-stock breeding establishment running full blast during the conditions which prevailed from 1914 to 1919. Only those who tried it will know just what that meant.

Bertha E. Dennis

3 Carlisle Street, Boston, Mass.
Teacher

Charles S. Dixon, Course VI.

Died December 31, 1917

John B. Dixon, S.B., Course V.

Born 1877; married; no children
Residence: 36 Lincoln Avenue, Glens Falls, N. Y.
Chief Chemist, Glens Falls Portland Cement Co.
Professional Sccieties: American Chemical Society

John W. Dodd, Course VI.

Born 1876; married
Residence: 60 Grand View Avenue, Wollaston, Mass.
Business: 120 Fulton Street, Boston

Geo. T. McLauthlin Co., Boston, Elect. Engr.
Social Societies: Washington Lodge, A. F. & A. M., Dorchester Chapter

Irving B. Dodge, S.B., Course II.
Box 256, Ashland, Mass.
Reported in 1913: married; two children
With Lombard Governor Co.

Katherine E. Dolbear, Course XII.
Address unknown

George F. Doty, Course XIII.
Dudley Building, Santa Monica, California

Chester F. Drake, S.B., Course XI.
Pittsburgh Filtration Works, Aspinwall, Pennsylvania

Robert M. Draper, S.B., Course III.
Born 1877, married; two children
Residence: 11 Wyoming Avenue, Malden, Massachusetts
Business: same
Operating Superintendent, Richards & Co., Edgeworth Plant
Professional Societies: American Institute of Mining and Metallurgical Engineers, National Geographic Soc.
Social Societies: F. & A. M., Scottish Rite Mason, Shrine

Albert T. Drew, S.B., Course X.
Died November 6, 1901

Ellen Loretto Duff, (Sister Loretto Basil) Course VII.
Director, Home Economics Dept., College of St. Elizabeth, Convent Station, New Jersey

Daniel W. Edgerly, S.B., Course V; S.M, (M.I.T. 1899)
Born 1875; unmarried
Residence: 17 Gramercy Park, New York City
National Lead Company, N. Y.; St. Louis Smelting & Refining Co.; Titanium Pigment Co., Niagara Falls, N. Y.; River Smelting & Refining Co., Florence, Colorado

S. Maria Elliott, Special
Born 1854; unmarried
A.M., Brown University, 1913
Residence: 120 Charles Street, Boston
American Home Economics Association; New England Home Economics Association
Social Societies: Womens City Club of Boston; The Durant Club of Boston

Julia Ellsworth, (Mrs. M. F. Blau) Course VII.
27 Bank Street, Princeton, New Jersey

Charles H. Ely
Station Street, Sharon, Mass.

Earle C. Emery, Course III.
43 Main Street, Bradford, Pa.
War Record: Capt. Engrs. Commissioned 6 May '18. Eng. Res. Off. Tr. Camp, Camp Lee, Va.; Washington Barracks, D. C., 1st Repl. Regt., 29 July '18; Port of Embarkation, Hoboken, N. J., 2 Nov.; Camp Mills, N. Y., 210th Engrs., 4 Nov.; Camp Humphreys, Va., 7 Jan. '19
In 1913: married
Treasurer and Secretary Minard Run Oil Co.

Everett C. Emery, Course II.
Address unknown

Julian F. Everett, Course IV.
216 Boston Block, Seattle, Washington
In 1913: married
Architect practicing under own name

John W. Farley, (special)
Born 1878; married; three children
Harvard A.B., 1899; Harvard Law, LLD, 1903
Residence: South Street, Needham, Massachusetts
Business: 84 State Street, Boston
Member of firm Herrick, Smith, Donald & Farley, lawyers
Military Service: Major, Infantry
Social Societies: Somerset Club; Tavern Club; Exchange Club; Harvard Club, Boston; Harvard Club, New York

Ralph S. Farwell, Course VI.
Died April 28, 1922, at Chicago

Ray C. Faught, S.B., Course VI.
Born 1875; married; one child
Residence: 3511 Springdale Avenue, Forest Park, Md.
Business: General Electric Co., Lexington Bldg., Baltimore, Md.
Sales Engineer, General Electric Co.
Civilian Service in War: Charge General Electric local office, Washington, D. C.
Professional Societies: A.I.E.E.

Winthrop L. Fay, Course II, IV.
Dexter, Maine
Vice-Pres. and Works Manager, Fay & Scott

Albert J. Fearing, S.B., Course I.
Born 1876; married; two children
Residence: 10 Faneuil Place, New Rochelle, N. Y.

Business: 85 Clinton Street, Brooklyn, New York
Division Engineer, New York Municipal Railway Corp.
Professional Societies: Brooklyn Engineers Club; American Association of Engineers
Achievements: Designed and supervised the construction of the elevated railroad junction at East New York. This work involved the demolition of the old structure, the erection of the new structure on new line and grade and at the same time the maintenance of traffic on three lines of elevated railroad meeting at this point. This work was completed without accident and with very little delay to trains.

David C. Fenner, S.B., Course II.
Born 1875; married; one child (Vassar '26)
Ph.B. 1896, Sheffield Scientific School, Yale University
Residence: 1200 Denmark Road, Plainfield, N. J.
Business: Room 2009, 25 Broadway, New York City
Manager Public Works Dept., International Motor Co.
Civilian Service in War: Asst. Chief, Automotive Products Section, War Industries Board
Professional Societies: Chairman, Motor Vehicle Conference Comm.; Nat. Auto Chamber Com., Chairman, Truck Standards Comm., Legislative Committee, National Motor Truck Comm., Committee on Simplified Pract.
Social Societies: Treas. Players Club of Plainfield, N. J.
Achievements: Uniform standards for the design, manufacture, operation, maintenance, and regulation of motor trucks, tractors and trailers

Finlay F. Ferguson, S.B., Course IV.
Born 1875; married; two children
A.B., Hampden Sidney College, Va., 1895
Residence: 816 Westover Avenue, Norfolk, Virginia
Business: 733 Law Building, Norfolk
Member of firm, Peebles & Ferguson, Architects
Professional Societies: American Institute of Architects

Aimee C. Ferson
30 Cedar Park, Melrose, Mass.
Teacher Manual Arts High School, Melrose, Mass.

George E. Fisher, Course VI.
Born 1873; married; two children (one living)
Residence: 26 Beacon Street, Natick, Mass.
Business: 185 Franklin Street, Boston, Mass.
With Arkwright Mutual Fire Ins. Co., as Engineer
Professional Societies: Member American Water Works Ass'n.
Social Societies: Blue Lodge, Chapter, Council, Commandery

and Shrine of the Masonic Fraternity; Past High Priest of Chapter, Presiding Master of Council, Past Commander of the Commandery and hold appointive office in the Grand Royal Arch Chapter of Massachusetts

Howell Fisher, S.B., Course X.
Born 1876; unmarried
Residence: 11 E. Chase Street, Baltimore, Maryland
Business: c/o The Bartlett Hayward Co.
Vice President and General Manager, The Bartlett Hayward Co.

George I. Fiske, S.B., Course XI.
Born 1875; married; no children
Residence: 11 Wyoming Street, Boston
Business: c/o Christian Science Pub. Society, Boston
Supt. of Maintenance
Professional Societies: American Society of Mechanical Engineers; American Institute of Electrical Engineers
Social Societies: Phi Beta Epsilon

John W. Fleet, Course I.
72 Days Park, Buffalo, N. Y.

Simon Fleisher, S.B., Course VI.
Born 1875; married; two children
Residence: 123 Crest Avenue, Beachmont, Mass.
Business: General Electric Co., Lynn, Mass.
Engineering Department of General Electric Co., Lynn
Civilian Service during War: General Electric Co., representative at Ford Plant in Detroit, in connection with Steam Turbines for the Eagles
Professional Societies: A.S.M.E.
Social Societies: A.F.A.M. (masons); Chamber of Commerce; Revere Bay State Yacht Club, Revere

Charles E. Fleming, Course II, VIII.
Address unknown

Emory H. Fogerty, Course XIII.
Address unknown

Mabel Flora Forrest (Mrs. John H. Lambert) S.B., Course VII.
Born 1875; married John H. Lambert, '98; five children
Residence: 70 Wannalancit Street, Lowell, Mass.
Service during War: District Manager Food Conservation Comm., Lowell; Secretary Lowell Child Welfare Comm.
Social Societies: College Club of Lowell, Vice-Pres., Director, Chairman Social Service Comm.; Bartlett Training School Parent-Teacher's Ass'n. (President)

Edward T. Foulkes, S.B., Course IV.
Born 1874; married; two children
Residence: 2610 East 14th Street, Oakland, California
Business: Crocker Building, San Francisco, California
Architect

William C. Fownes, Jr., S.B., Course X.
Born 1877; married; two children
Residence: 819 North Hiland Avenue, Pittsburgh, Pennsylvania
Business: 313—6th Avenue, Pittsburgh
Treasurer—Standard Seamless Tube Co.

Arthur Ira Franklin, S.B., Course V.
Born 1874; married; three children (1 boy, 2 girls)
Residence: 4012 Ruckle Street, Indianapolis, Indiana
Business: S. M. Bixby & Co., Inc., Indianapolis
Manager, S. M. Bixby & Co., Inc., Mfrs. of Shoe Polishes, etc.
Service during War: Organizer of Home Guards, Springfield, Mass.; Captain in Liberty Loan Campaign
Professional Societies: Am. Assoc. for the Advancement of Science
Social Societies: Indianapolis Athletic Club; member, Board of Directors Mendelssohn Choir; Scientech Club, Indianapolis
Achievements: Various addresses on the manufacture of colors, paints, paper, shoe polishes, etc.

Agnes A. Fraser (Mrs. Alphonse Boursaud,) Course VII.
73 Walnut Avenue, Roxbury, Mass.

Abram French, Course I.
Born 1876, married; no children
Residence: 646 Humphrey Street, Swampscott, Mass.
Business: same
General Contractor
Social Societies: Masons

Frederic Furbish, S.B., Course IV.
500 Fifth Avenue, Rm. 402, N. Y.

Ernest A. Gallison, S.B., Course III.
Address unknown

Lester D. Gardner, S.B., Course IX.
Born 1876; married; no children
Residence: 251 W. 101 Street, New York
Business: 225 4th Avenue, New York
President, Gardner Moffat Co.
Military Service: Major, Air Service
Professional Societies: Society of Automotive Engineers;

American Society of Mechanical Engineering; Term member of M.I.T. Corporation; Rubber Association of America; American Aeronautic Association

Social Societies: University Club, N. Y.; University Club, Washington; Army and Navy Club, Washington; Tech Club of N. Y.; American Legion; Sons of American Revolution

Clara Emeritte Gary, M.D., Special

University School of Medicine, 1885; 1885 to date practicing medicine in Boston; 1895-1896 studied at M.I.T.; May 1900-August 1900 studied in Paris and Vienna hospitals. Granted French diploma

Residence: 416 Marlborough Street, Boston, Mass.

Business: Physician, same address

Civilian Service during War: Member of Volunteer Medical Service corps authorized by Council of National Defense Nov. 9, 1918

Professional Societies: Member (ex-vice-pres.) American Institute of Homeopathy, Mass. Homeopathic Medical Soc.; Boston Homeopathic Medical Soc., ex-vice-pres. of Surgical and Gynecological Society; member, ex-pres., ex-vice pres., ex-secretary, Nat'l Society Physical Therapeutics; organizer and ex-pres. of Twentieth Century Medical Club; Secretary, ex-vice-pres. New England Ass'n for Physical Therapeutics, organizer and ex-pres. Institute Fraternity. Member, La Societe Francaise d'Electrotherapie, Paris, France; ex-home surgeon Mass. Homeopathic Hospital; member, American Electro therapeutic Ass'n.

Social Societies: Member (ex-pres. and ex-vice pres.) of Boston University Woman's Graduate Club; member (ex-pres.) Ladies Physiological Institute Boston; ex-regent and ex-vice Regent of Old Boston Chapter D.A.R.; member daughters of Vermont; Woman's City Club of Boston; The Twentieth Century Club; Boston League of Women Voters; Mass. Inst. of Tech. Women's Ass'n.; The Presidents Club; Ex-Regents Club, member 1st Vice President of Vermont Temple Missionary Soc.; member Women's Baptist Social Union; American Geographical Society; New England Historic Genealogical Society; Nat'l Society of Daughters of American Revolution; Daughter of Colonial Wars

Edwin W. Gehring, Course I.

40 Deering Street, Portland, Maine

B.S. Cornell, 1904; M.D. Bowdoin Medical School, 1904

In 1913: married; two children

Physician

Mary Howes Gibbons (Mrs. John B. R. Lyons) Special.
44 South Street, Jamaica Plain, Mass.

Frederick C. Gilbert, Course V.
Born 1876; married; one child
Residence: Westminster, Colorado
Business: Box 2163, Denver, Colorado
Supt. Globe Plant, Am. Smelting & Refining Co.
Mayor, Westminster, Colorado
Professional Societies: Am. Inst. Mining & Engineers; Am. Chem. Soc.; Teknick Club (Denver, Col.)

James S. Gill, Course II.
Ludlow, Vermont

Charles H. Godbold, S.B., Course XIII.
215 Seaton Street, North East, Washington, D. C.
Supervising ships draftsman, Bureau of Const. & Rep. U. S. Navy Dept.
War Service: Supervising Draftsman, Bu. Cons. and Repair, Navy Yard, Washington, D. C., supervising preparation of plans of destroyers, patrol boats, battleships, tenders, battle cruisers, and for the conversion of merchant ships to naval auxiliaries
In 1913: married; two children

John N. Goddard, S.B., Course V.
Born 1876; married; three children
Residence: Aparto 93, Torrean, Coahuila, Mexico
Business: c/o Cia Minera de Penoles, S. A. (as above)
Superintendent of the Torreon Smelter of the Compania Minera de Penoles, S. A.
Professional Societies: Member American Institute of Mining & Metallurgical Engineers
Social Societies: Proprietary member (and Director) of "Casino de la Laguma", member "Real Club de Espana" Torreon

Hollis Godfrey, Course V.
Born 1874; married; one child
Ph.B., Tufts College, 1895; Sc.D., Tufts College, 1912; Eng. D., University of Vermont, 1917; LL.D., Miami University, 1917; LL.D. Bishop's College, 1917; D.C.L., Queen's College, 1919; two years of Graduate study at Harvard University; one period of study abroad
Residence: The Art Club, 220 Broad Street, Philadelphia, Pa.; "Fair Winds", Duxbury, Mass.
Business: 3 Joy Street, Beacon Hill, Mass.
President, The Engineering-Economics Foundation; Consulting Engineer to cities of Philadelphia and Atlantic City, 1910-1917; Chief of Bureau of Gas, Philadelphia,

1912-1913; Consulting Engineering of the Iowa Survey, 1914; member of Commercial Economy Board, 1917-1919

Service during War: Federal Commissioner of the Advisory Commission of National Defense, in charge of the section of engineering and education for the whole period of the war

Professional Societies: Royal Geographical Soc.; Am. Assoc. for the adv. of Science; Am. Soc. of Civil Engineers; Am. Soc. of Mech. Engineers; Nat'l Research Council

Social Societies: Theta Delta Chi; Mason; Phi Beta Kappa (Senator from 1914-1920)

Achievements: When I made my report in 1913, I was President of Drexel Institute, a position which I held until my resignation three years ago. The story of what I did in the war has been published in full in the Technology War Record and is embodied in various Congressional Records and other official documents.

Three years ago I was called to take the Presidency of the Engineering Economics Foundation which is one of the six basic endowed research foundations. There is perhaps no more interesting development in modern education than this second child of the university. As the college deals primarily with teaching and secondarily with research, so the research foundation deals primarily with research and secondarily with teaching. The Engineering-Economics Foundation is concerned, as its name implies, with work in the joint fields of Engineering and Economics as Physical-Chemistry is concerned with the joint fields of Physics and Chemistry. The Foundation is closely associated with the Carnegie Institution of Washington, the National Research Council, the Mellon Institute, the Institute of Economics and the Engineering Foundation the whole forming a group known as the six research foundations.

As I look back over the last ten years, they group into the busy life of College President before the War, of Federal Commissioner during the War, and of President of a Research Foundation developing the foundation in the years following the War. During this period, I have lectured at some eight universities in the United States and abroad, have published some forty monographs and papers in my own field of Engineering Economics and Research Administration.

George McM. Godley, S.B., Course III.

Born 1875; unmarried

Residence: Grace Church Street, Rye, New York

Business address: 522 Fifth Avenue, N. Y.

No business at present; formerly Vice Pres. The Linde Air Products Co.

Professional Societies: British Inst. of Iron and Steel; American Inst. of Mining & Metallurgical Engineers; American Chemical Society

Social Societies: N. Y. University Club; N. Y. Athletic Club; Engineers Club; Apawamis Club, Rye, N. Y.; Delta Kappa Epsilon

Michael J. Golden, Course II.

Died December 18, 1918

Professor at Purdue University, Lafayette, Indiana

Clarence Goldsmith, S.B., Course II.

Born 1874 married; one child

Residence: Apartment No.2, 820 Hyde Park Boulevard, Chicago

Business: Room 401, 209 West Jackson Boulevard, Chicago

Assistant Chief Engineer, The National Board of Fire Underwriters

War Service: Engineer, Construction Division of the Army, 1917-18; Major, U. S. Army, Construction Division; Officer in charge of fire prevention and protection in U. S.

Professional Societies: American Society of Civil Engineers; American Society of Mechanical Engineers; American Institute of Electrical Engineers; American Water Works Association; New England Water Works Association; American Public Health Association

Social Societies: The Consistory of New York City; Mecca Temple; Saint Matthew's Lodge, A. F. & A. M., B.P.O. Elks No. 65; I.O.O.F. No. 230; Reserve Officers Assn. of Illinois; National Assn. Opposed to Prohibition

Annie L. Goodrich

331 Main St., Nashua, New Hampshire

Teacher

Arthur L. Goodrich, S.B., Course X.

Born 1876; married; no children

Residence: 11 Tetlow Street, Boston, Mass.

Business: M.I.T., Cambridge, Mass.

Assistant Professor of Drawing and Descriptive Geometry.

Albert W. Gray, Course I.

Falls Village, Conn.

James R. Guy, Course II.

525 Virginia Avenue, Norfolk, Virginia

Supt. Norfolk Shipbuilding Dry Dock Corp.

William Montague Hall, Course XIII.
President of Freshman Class, Died June 19, 1896

Charles F. Harmon, Course I.
Address unknown

Ralph Harris, Course III.
3752 Washington Street, Kansas City, Mo.

Franklin B. Harwood, Course VI.
2699 California Street, San Francisco, California
War Record: Lieutenant

George O. Haskell, S.B., Course II.
c/o South Cab Oil Co., Savannah, Georgia

Frank C. Hastings, Course I.
22 Thames Street, New York, N. Y.

Alex G. Hawes, Course VI.
Honolulu, Hawaii
War Record: Capt., Ord. Corps, Army Inspector of Ordnance at Indianapolis
Reported in 1913, married, no children. In iron manufacture in Hawaii, then in sugar production in Cuba
In 1920 reported as Engineer, Central Aguirre, Porto Rico

Fred L. Hayden, Course X.
1881 Washington Street, South Braintree, Mass.

Louis A. Hayden, S.B., Course III.
Born 1874; married; four children
Residence: 1673 Hudson Street, Denver, Colorado
Business: 801 Tramway Building, Denver, Colorado
Pres. Hayden Bros., Coal Corp.; Vice Pres., Thomas S. Hayden Realty Co.; Treas. Employers Mutual Ins. Co.

James E. Hazeltine, S.B., Course VI.
Born 1873; married; three children
Residence: 33 No. State Street, North Warren, Pa.
Business: c/o The Bashlin Co., Warren, Pa.
Manager & Treasurer, The Bashlin Co.; member Warren Chamber Commerce; member Penna. Mfgrs. Asso.
Social Societies: Rotary Club; B.P.O. Elks

Frank B. Heathman, S.B., Course IV.
Born 1875; married; four children
Residence: 1022 Grand Avenue, Dayton, Ohio
Business: 115 W. 2nd Street, Dayton, Ohio
President, The Heathman Motor Co.
Civilian Service during War: Ord. Dept. Bldg. Inspector

Achievements: Son George, Graduate M.I.T., Course X, 1922, now Post Graduate Student

Lyman F. Hewins, S.B., Course XIII.

Dept. of Const. & Repair, U. S. Navy Yard, Washington D. C.

War Record: Chief Draftsman, U. S. Experimental Station, Dept. Cons. and Repair, Navy Dept., Washington, D. C., working on design of ship forms and testing models for resistance and propulsion of ships, flying boat hulls, submarine chasers, towing depth bombs, paravanes, torpedo defense nets and mine anchorage

In 1913: married; one child

Anna C. Hicks (Mrs. Ledru J. Brackett) Course IV.

Born 1871; married; three children

Residence: 10 Parley Vale, Jamaica Plain, Boston, Mass.

Professional Societies: Society of Technology Architects

Lothrop D. Higgins, Course VII.

5 Harmony Street, Danbury, Conn.

Ph.B., Brown Univ. 1899

In 1913: married; no children

Teacher and supervisor, State Normal School, Danbury, Conn.

Carl S. High, S.B., Course VI.

Born 1876; married; two children

Residence: Partridge, Kansas

Farming and Stockraising

George W. Hill

Address unknown

Henry A. Hill, Course II.

Address unknown

George F. Hiller, Course II.

Born 1875; married; two children

Residence: West Barrington, R. I.

Business: Box 1254, Providence, R. I.

Resident Engineer and Manager in Rhode Island and Connecticut for Improved Risk Mutuals, 75 Fulton Street, New York

Civilian Service during War: War Industries Board, Fire Prevention Section; Engineer on Protections of Rail and Water Terminals

Social Societies: Unitarian Laymen's League; Choral Art Society of Providence

Albert W. Hitchcock, Course II.

Address unknown

George E. Holmes, Course II.
Born 1876; married; four children
B.S., Harvard, 1901
Residence: 71 Atkinson Street, Dover, N. H.
Business: National Woodworking Machine Co.
Chief Engineer
Civilian Service in War: Volunteered and registered with Federal Reserve for any service best fitted; Engaged in production of war materials
Professional Societies: Am. Soc. Mech. Eng.; Dover Chamber of Commerce
Social Societies: Mason; K. of P.; Cocheco Country Club

Heber A. Hopkins, S.B., Course II.
Born 1877; married; three children
Residence: 206 Park Street, West Roxbury, Mass.
Social Societies: Masons; Highland Club of W. Roxbury; Past president and director of Unitarian Club of W. Roxbury

J. D. Horgan, Course II.
Address unknown

Outerbridge Horsey, Course VI.
Born 1875; married; seven children
A.B., Georgetown, 1896; LLB New York Law School, 1910
Residence: 151 East 61st Street, New York City
Business: 61Broadway, N. Y.
With Nicoll, Anable, Fuller & Sullivan, lawyers
Professional Societies: Association of the Bar of the City of N. Y.
Social Societies: Metropolitan Club

Ralph T. Horton, S.B., Course I.
Born 1876; married; one child
Residence: 2471 University Avenue, New York
Business: Room 2515, Grand Central Terminal, N. Y.
Asst. Engineer, N. Y. C. R. R. Co.

John H. House, Jr., Course IV.
Born 1873; married; three children
Residence: 46 Shelden Place, Hastings-on-Hudson, N. Y.
Business: 21 East 40th Street, New York City
Associated with Guy Lowell as Head of N. Y. office, also as architect in charge of New York County Court House
Military Service: Maj. Engrs. Capt., Engrs. 15 Aug. '17; Maj. 10 Dec. '17; C.O., 523d Engrs. A.E.F., 10 July '18-July '19; Product and Shipment Officer, Forestry Work; Officer in charge of cons. of German

Officers' Prison Camp, Gievres, Oct.; Chief Liaison Officer, Greek Mission, Feb. '19; transferred to Courier Service, and sent to Constantinople, Jerusalem and Athens

Professional Societies: The Society of American Military Engrs.

Social Societies: Technology Club; Tower Ridge Yacht Club; Veterans N. Y. Naval Militia; Veterans of Foreign Wars; Am. League

Arthur F. Howard, S.B., Course VI.

Born 1873; married

B.S. Amherst College 1895

Residence: 485 Lincoln Avenue, Portsmouth, N. H.

Business: 50 Congress Street, Portsmouth, N. H.

Special Agent, Granite State Fire Ins. Co.

Member City Council Portsmouth, N. H.; Police Commissioner; New Hampshire Legislature

Professional Societies: New England Insurance Exchange; member of Executive Committee, National Fire Protection Assn. Blue Goose

Social Societies: Chi Phi; Appalachian Mountain Club

Winfred D. Hubbard, S.B., Course XI.

145 Pearl St., Kingston, N. Y.

Asst. Engineer, Board of Water Supply, Gas and Electricity, N. Y.

In 1913: married; one child

Raymond M. Hughes, Course V.

Born 1873; married; two children

A.B., Miami University, 1893; M.S. Ohio State Univ., 1897

Residence: Lewis Place, Oxford, Ohio

Business: Miami University, Oxford, Ohio

President, Miami University

Civilian Service in War: Educational Director, Student Army Training Corps

Professional Societies: A.A.A.S., Phi Beta Kappa

Social Societies: Delta Kappa Epsilon

Seth K. Humphrey, (special)

Born 1864; unmarried

Residence: Boston City Club

Business: 53 State Street, Boston

Writer

Social Societies: Twentieth Century Club; Cosmos Club, Washington; Boston City Club; Appalachian Mountain Club

Books—"Mankind", Scribner's 1917; "The Racial Prospect" 1920; various articles in Atlantic Monthly, etc.

G. D. Huntington, S.B., Course I.

Born 1874; married; four children
A.B. University of Rochester
Residence: 2184 Field Avenue, Detroit, Michigan
Business: 304 Ford Building, Detroit, Michigan
Manager Western Sales Office—The Crosby Co. of Buffalo, N. Y.
Social Societies: Detroit Club: Indian Village Club; Scriblerus Club; Psi Upsilon Fraternity

Charles S. Hurter, S.B., Course III.

Born 1875; married
Residence: 6 Brandywine Apts., Wilmington, Delaware
Business: 5130 Du Pont Building, Wilmington, Delaware
Technical Representative, Explosives Department, E. I. duPont de Nemours & Co., Specialty, All kinds of mine and tunnel work except coal
Chief Assayer, Dominion of Canada Assay Office, Vancouver, B. C., 1901-1903
Professional Societies: Lake Superior Mining Institute (life member); Member Drill & Drill Steels Standardization Committee; American Mining Congress (Explosive Problems only) Represent American Mining Congress on General Committee for Standardization of Permissible Explosives
Social Societies: St. John Lodge No. 21, A. F. & A. M., Senior Deacon, Lodgesmith B. C. St. Johns Chapter No. 4 R.A.M. Gunning Bedford Council, No. 1. St. Johns Commandery No 1, all of Wilmington, Delaware; Duluth Consistory No. 3 A & A S R. of F. M., Aad Temple A.A.D.N.M.S. both of Duluth, Minn.; Idaho Springs, Colorado, Lodge No. 607, B.P.O.E.
Achievements: numerous publications on explosives in Mining Journals; Special Lectures on explosives at M.I.T. and other schools

Arthur W. Huse, Course I.

P. O. Box 193, Elyria, Ohio
Maintenance of Way Dept., N.Y.C. Railroad

George A. Hutchinson, S.B., Course II.

14 Wales Street, Dorchester, Mass.

Anna F. Hyde, Course VII.

Address unknown

Harry C. Ingalls, S.B., Course IV.

Born 1876; married
Residence: 34 Oak Avenue, Larchmont, N. Y.
Business: 347 Madison Avenue, N. Y.

Firm of Harry Creighton Ingalls, Architect
Professional Societies: American Institute of Architects; Society of Beaux Arts Architects; Beaux Arts Institute of Design
Social Societies: D.K.E. Fraternity; Technology Club of N. Y.; D.K.E. Club of N. Y.
Achievements: Principal Buildings: Henry Miller Theatre, N. Y.; Little Theatre, N. Y.; Neighborhood Playhouse, N. Y.; Plaza Theatre, N. Y.; Estate of Jefferson Penn, Reidsville, N. C.; Estate of James Derring (in association with F. B. Hoffman, Jr.) Miami, Florida In charge of Design and Construction of The Century Theatre (new) of N. Y.; The Globe Theatre, N. Y.; Estate of E. H. Harriman, Arden, N. Y., for Carrere & Hastings

George C. Innis
Address unknown

Areli H. Jacoby, S.B., Course V.
Born 1877; married; two children
Residence: Ashby, Mass.
Farmer
December, 1919-March, 1920 and November, 1920-April, 1921-Technical Adviser on Dyestuffs & Pharmaceutical Products, to the American Unofficial Delegation to the Reparation Commission at Paris; Selectman, Assessor, member Board of Health, etc., Ashby, Mass.
Service during War: Manager Intermediate Dept. National Aniline & Chemical Co., Inc., N. Y., Mfg. various chemicals for explosives and gas offensive purposes
Professional Societies: Member Middlesex County Farm Bureau
On October, 1916, gave up my position with American Dyewood Co. and went with National Aniline and Chemical Co. Remained with them until March, 1919, when I gave up active business and moved to a farm in Ashby, Mass., seven miles north of Fitchburg. Have been here since with exception of two winters in Paris.

Bertrand H. Johnson, Course IV.
18th Street & Alleghany Avenue, Philadelphia, Pa.
Gen. Supt. Cresson Morris Co.
In 1913: married; two children

Paul Franklin Johnson, S.B., Course II.
Born 1874; married; two children, boy 22, girl 20
Residence: 2940 Maiden Lane, Altadena, California
Business: 560 E. Colorado Street, Pasadena, California
Owner of Altadena Radio Laboratory, Altadena, Calif.,

Radio KGO and 6XR and "The Radio Store", 560 E. Colorado Street, Pasadena. Pres. and Treas., Western Radio, Inc., of Calif., Los Angeles and San Francisco; also Secretary and Treasurer of Johnson Service Co., Milwaukee, Wis.; Special Meteorological Observer, Altadena, Calif. Station

Service during War: Civilian Aeronautical Mechanical Engineer, U.S.N., Naval Aircraft Factory, Philadelphia Navy Yard. Plans and specifications for various manufacturing equipment such as electro plating, heat treating, etc.

Professional Societies: Am. Soc. of Mechanical Engrs.; Am. Soc. of Variable Star Observers; Former Director Engineers Soc. of Milwaukee, Wis.; Altadena Citizens Assn., Committee on Weather reports, Post Office Committee; Pasadena Chamber of Commerce; Pasadena Merchants Assn.; Broadcasters Assn. of Southern Calif.; Am. Radio Assn., Chicago; Radio Trade Assn., New York, Director

Social Societies: Jonathan Club, Los Angeles; Altadena Country Club; Tech Club, N. Y.; Rotary Club, Univ. Club, Pasadena

Achievements: I have built up a very considerable Radio business in the last two years, but my interest in it dates from 1899 when my father was experimenting with it.

Frederic A. Jones, S.B., Course I.

Born 1876; married, one child

Residence: 44 East Alvord Street, Springfield, Mass.

Business: Granite Building, Springfield, Mass.

Bridge and Building Department, Boston & Albany R. R.

Professional Societies: American Railway Engineering Assoc.; American Assoc. of Engineers

Frederick H. Jones, Course V.

c/o Sibley, Lindsey & Curr Co.

Rochester, N. Y.

Buyer

Harold W. Jones, Course VII.

Born 1877; married; no children

M. D. Harvard 1901, Honor Graduate Army Medical School, 1906

Chevalier Legion d'honneur, (France) 1919

Residence: Stotsenburg, Pampanga, Luzon, Philippine Islands

Business: same

Medical Officer, U. S. Army

Military Service: 1. Secretary Army Medical School and Prof. of Administration 1916-17 (Rank of Major)
2. Commanding Officer, Base Hosp. 114 (overseas)

1918. (Rank of Lt. Col.) 3. Commanding Officer Beau Desert Hosp. Center, France 1918-19, (Rank of Colonel)

Professional Societies: Am. College of Surgeons (1918); Assn. of Military Surgeons of U. S.

Social Societies: Army and Navy Club, Washington, D. C.; Army and Navy Club, Manila, P. I.; George C. Whiting Lodge No. 22 F.A.A.M. Washington, D. C.; 32 deg. Scottish Rite, Caldwell Consistory, Bloomsberg, Pa.; Mystic Shrine, Reading, Pa.; Bamboo Oasis, A.A.O.N.M.S., Manila, P. I.; Sons of the Revolution, Missouri Society; President Mount Aryat Club, Stotsenburg, P. I.

Achievements: No notable achievements to relate. The most interesting Achievement has been 2500 miles of travel in the Island of Luzon by auto, horse, on foot, and by air in which I saw a sample of the most of the life and customs of the various peoples inhabiting it.

Note by Editor: The construction and operation of the great Beau Desert Hospital Center in France was an achievement of great magnitude. See Technology War Record p 216 et. seq.

Dr. Samuel F. Jones, Course VII.

Born 1874; married; no children

Doctor of Medicine—Columbia University, 1902

Fellow of American College of Surgeons (F.A.C.S.) 1913

Residence: 1331 East 7th Avenue, Denver, Colorado

Business: Surgeon, office 516 Majestic Building, Denver, Cola.

Professor of Orthopedic Surgery at University of Colorado, Medical Department. Attending Surgeon to the Children's Mercy, City and County Hospitals of Denver. Secretary and member of Board of Executors of St. Lukes Hospital of Denver. On the Advisory Board of University of Colorado, Medical Dept.

Military Service: Entered U. S. Army on April 6th, 1917, with rank of 1st Lieut.. Service overseas for ten months with A.E.F. France in U. S. Red Cross Military Hospital No. 1 at Neuilly-sur-Seine, as operating surgeon with rank of Captain. Promoted to rank of Major on Aug., 1918, in charge of Orthopedic ward. Honorably discharged Jan. 13, 1919, rank of Major.

Professional Societies: Chemical and Pathological Societies of Denver; American Orthopedic Soc.; Western Surgical Soc.; Congress of American Physicans and Surgeons; New York Pathological Soc.; Denver Medical Club

Social Societies: Delta Psi Fraternity, M.I.T. member of Leyden Post of American Legion; member of Veterans of

Foreign Wars; member of Military Surgeons; member of N. Y. Yacht Club, St. Anthony Club of N. Y.; University Club of Denver; Denver Club; Denver Country Club; Cactus Club and Mile High Club

Irvin H. Kaufman, S.B., Course II.

Born 1877; married; one child
Residence: Hotel Majestic, Central Park West & 72nd Street
Business: 103 Park Avenue, New York
Vice President—The Blackburn Smith Corporation
Service during War: Production Engineer—Ordnance Dept. U. S. Army
Professional Societies: Army Ordnance Association
Fraternal Societies: Free & Accepted Masons—Past Master, Knickerbocker Lodge 642; Past Grand Representative of State of Utah in Grand Lodge of New York
Achievements: Invented Vacuum Trap with electrically operated valve, Tank Electric Switch for operation by float in tank, developed Strainer for removing heavy matter from water used in manufacturing processes. All in course of the regular day's work, I have done considerable writing, talking, etc. but nothing which could be published.

Arthur S. Keene, S.B., Course IV.

Born 1875; married; no children living
Residence: 440 West 58 Street, Kansas City, Mo.
Business: 403 Reliance Building, Kansas City, Mo.
Firm of Keene and Simpson
Service during War: Firm: Architects for buildings for war purposes
Professional Societies: Kansas City Architectural League
Social Societies: Kansas City Club; Knife and Fork Club; City Club; Mission Hills Country Club; Chamber of Commerce; Delta Upsilon Fraternity; Lions Club

Horace A. Kelley, Course VI.

Address unknown

William Kelley, S.B., Course V.

350 South Manhattan, Los Angeles, Calif.
Consulting Engineer
In 1913: married; one child
Had specialized in cotton oil and fertilizer

John F. Kelly, Course IV.

P. O. Building, Passaic, N. J.
Architect, practicing under own name
In 1913: married; seven children

F. M. Kellogg, S.B., Course VI.
Born 1875; married; four children
Residence: Short Hills, N. J.
Business: 67 Wall Street, N. Y.
Vice President, Munson Steamship Line

Frederic M. Kendall, Courses I and IV.
Born 1876; married; one child
Residence: 36 Adams Road, Framingham Center, Mass.
Business: 45 Bromfield Street, Boston
Frank A. and Frederic M. Kendall, Architects
American Institute of Architects
Social Societies: Middlesex Lodge A.F. & A.M.—Past master Concord Royal Arch Chapter; Camp 58 United Spanish War Veterans

Robert E. Kendall, S.B., Course V.
Born 1875; married; two children
Residence: 191 Rice Ave., West New Brighton, Staten Island, N. Y.
Business: none at present
War Service: Superintendent of the Hopewell (Va.) works of the Du Pont Company, manufacturing Gun Cotton
Professional Societies: N. J. Chem. Soc.; Nat. Geographic Soc.

Elwell F Kimball, S.B., Course I.
North Grosvenordale, Connecticut
In 1913: married, one child
Sub Principal, Eng. High School, Lynn
In 1920, Principal, Gloucester High School

Walter E. Kimball, S.B., Course XIII.
Huntley Road, Quincy, Mass.
Mech. Engineer, Am. Sugar Refinery, Boston

Edwin R. King
Howland School House, New Bedford, Mass.
Supervisor of Manual Training

George I. King, Course II, III.
15 Stratford Rd., Brooklyn, N. Y.
Foreign Trade Adviser

Frederick Kleinschmidt, Course VI, IX.
Address unknown

Edward D. Kremer
224 Superior Avenue, Dayton, Ohio

Carleton S. Koch, S.B., Course V.
Born 1875; married; one child
Residence: 143 W. Swissvale Avenue, Edgewood, Pa.

Business: c/o Fort Pitt Steel Casting Co., McKeesport, Pa.
President, Fort Pitt Steel Casting Co.
Civilian Service during War: Expert on Steel Castings, in charge of all Castings U. S. Army ordnance
Professional Societies: Honorary member American Foundrymen's Association; member American Inst. Mining and Met. Engineers; American Soc. Testing Materials; Engineers Soc. Western Penn.; Pres American Foundrymen's Association 1919-20
Social Societies: Chi Phi Fraternity

Edwin Kuttroff, S.B., Course X.
17 East 69th Street, New York City
Manufacturing Chemist, Verona Chemical Co.

James O. Lacaillade, Course V.
Address unknown

Robert Lacy, S.B., Course I.
Born 1876; unmarried
B.A., Johns Hopkins University 1896
Residence: Sims, North Carolina
Business: same
President, Neverson Granite Quarry Inc., quarrying and crushing stone for concrete roads
Military and Civilian Service: Chief Engineer for contractor building Dry Dock Philadelphia Navy Yard. Pvt. Engineer Officers Training School, Camp Hunphries, Va., 1918. Major Engineers, Reserve Corps 1919.
Professional Societies: American Society of Civil Engineers; Soc. of American Military Engineers
Social Societies: Phi Kappa Psi

Minerva Laing, Course VII.
State Normal School, Hyannis, Mass.

John H. Lambert, Course VII.
Born 1875; married; five children
Ch.B. 1898, Boston University, M.D. 1899 Boston University, F.A.C.S. 1922
Residence: 70 Wannalancit Street, Lowell, Mass.
Business: 202 Merrimack Street, Lowell, Mass.
Surgeon and Radiologist
Consultant in roentgenology U. S. Public Health Service and War Risk Insurance, Chairman of Lowell School Committee, Chairman of Lowell High School Building Committee
Military Service: Captain M.C., U.S.A., Base Hospital 7, A.E.F.
Professional Societies: American Medical Society, Mass.

Medical Society; American Roentgen Ray Society; N. E. Roentgen Ray Society; Councilor and Censor of Middlesex North District Branch of A.M.S., member of Executive Committee N. E. Roentgen Ray Soc.; Pres. of Lowell Gen. Hospital Staff
Social Societies: Vesper Country Club

Edward P. Lane, S.B., Course I.
Born 1877; unmarried
Residence: 5 Vine Street, Manchester. Mass.
Business: 147 Milk Street, Boston, Mass.
Engineer—Structural Division—Stone & Webster Inc.
Director, Manchester Trust Co.
Professional Societies: American Soc. of Civil Engineers; Boston Soc. of Civil Engineers
Social Societies: Manchester Club

Van Rensselaer Lansingh, S.B., Course VI.
Born 1873; married; two children
B.S. University of Chicago, 1896
Residence: 226 Elderwood Ave., Pelham, N. Y.
Business: 100 East 42nd Street, N. Y.
President and Gen. Manager, York Metal and Alloys Co., York, Pa., and N. Y. City, Refiners and manufacturers of Tungsten, Molybdenum, and Vanadium products
Service during War: Private, U. S. Volunteer Engineers, Spanish War; Council of Nat'l. Defense, Washington, D. C.; Tech Club of Paris and American University Union in Europe, Paris, London, Rome. Special investigator for U. S. Army on Oxy-Acetylene welding in both French and British Armies. Works manager, Metz Co., Waltham, Mass, building airplanes for U. S. Army
Professional Societies: Illuminating Engineering Society,—Past President; American Chemical Society
Social Societies: Engineers Club of N. Y.; Tech Club of N. Y.; Hamilton Club of Chicago; Lafayette Club, York, Pa.; York Country Club, York, Pa.

John H. Larrabee, Course I.
Hydrographic Office, Navy Dept., Washington, D. C.

Arthur C. Lawley, Course II.
60 N Street, South Boston, Mass.

Herbert E. Lawrence, Course IV.
328 33rd Street, Woodcliff-on-Hudson, New Jersey

Willis L. Learned, Course V.
Born 1876; married; one child
Residence: 20 Prescott Street, Cambridge, Mass. (for Mail)
Business: 184 High Street, Boston, Mass.

Factory Inspector with The Associated Factory Mutual Fire Insurance Companies
Social Societies: Delta Lodge A. F. & A. M. Braintree, Mass.

James F. Leary, Special.
176 Russell Street, Worcester, Mass.
Teacher of Manual Training

Walter H. Lee, S.B., Course IV.
Born 1877; married; two children
Residence: Fernbank Avenue, Fernbank, Cincinnati, Ohio
Business: 901 Fourth National Bank Building, Cincinnati
Partner, Tietig & Lee, Architects
Professional Societies: American Institute of Architects; The Engineers Club of Cincinnati
Social Societies: The Masonic Lodge

Charles Le Moyne
Wendell, Idaho
Stock Grower, Le Moyne Brothers
In 1913: married; two children

Owen L. Leonard, S.B., Course V.
Born 1876; married; three children
Residence: 1845 South Emerson Street, Denver, Colorado
Business: 1423 Stout Street, Denver, Colorado
Superintendent—The American District Telegraph Co.

Jesse T. Lippincott, S.B., Course X.
Born 1876; married; one child
Residence: 261 E. Auburn Avenue, Mt. Auburn, Cincinnati, Ohio
President The Cincinnati Union Stock Yard Co.
President The Grand Hotel Co.

Edmund C. Little, S.B., Course IV.
Born 1874; married; no children
Residence: 541 Rosedale Avenue, St. Louis, Mo.
Business: 512 International Life Building, St. Louis
Architect
Social Societies: City Club

Alfred W. Lombard, Course VI.
State Dairy Bureau, 136 State House, Boston, Mass.

Percival H. Lombard, S.B., Course VI.
Born 1872; married; three children
A.B. Harvard College, 1895
Residence: 619 Boylston Street, Brookline, Mass.
Business: Forestdale, Mass.
Farming on Cape Cod
Professional Societies: Cape Cod Farm Bureau; Cape Cod Chamber of Commerce

Social Societies: Harvard Club of Boston; Harvard Club of New York; Union Club of Boston; Country Club of Brookline; Bourne Historical Society, President

Achievements: I own about 1500 acres in the central part of Cape Cod which I am trying to develop into a farm and into new forest growth.

Zourie H. Long, Course XIII.

Died Feb. 14, 1923

Born 1874; married; one child

Last address: c/o E. T. Long & Co., 817-818 Coal Exchange Bldg., Wilkes-Barre, Pennsylvania

1898-99 Corporal 1st Regiment, U. S. Volunteer Engineers, since then General Manager E. T. Long Co., general contractors interested in Virginia Lumber & Extract Co.

Charles E. Lord, S.B., Course VI.

Died October 9, 1919

Herbert I. Lord, Course V.

Born 1875; married; two children

Residence: 8123 E. Lafayette Avenue, Detroit, Michigan

Business: c/o Detroit Lubricator Co., Detroit, Michigan

Vice President, Detroit Lubricator Co.

Professional Societies: Executive Committee Railway; Business Ass'n.

Social Societies: Detroit, Athletic, Country, University Clubs of Detroit; Chi Phi

Walter G. McConnell, S.B., Course XIII.

Address unknown

David H. MacFarlane, Course IV.

Born 1875; married; no children

Residence: 611 Sydenham Avenue, Westmount, P., Q. Canada

Business: same

Architect

Professional Societies: At one time member of the Council Province of Quebec Association of Architects. At one time, Chairman, Architectural Commission of Architects, City of Westmount, P. Q.

James S. McIntyre, S. B., Course IV.

Born 1874; unmarried

Residence: 69 Willis Street, New Bedford, Mass.

Business: Times Building

Architect

Professional Societies: American Institute of Architects; Boston Society of Architects; M.I.T. Society of Architects

Social Societies: Knights of Columbus; Plymouth Club

Paul McJunkin, S.B., Course VIII.
Born 1875; married; two children
Residence: Greensboro, North Carolina
Business: Greensboro, North Carolina
Manager, Greensboro Mining Co.
Social Societies: Engineers Club of N. Y.

Harrington Mack, Course VI.
Address unknown

William McKell, Course III.
McKell Coal & Coke Co., Glen Jean, West Virginia

Joseph L. Mara, Course V.
Address unknown

William A. Marshall, S.B., Course X.
Born 1875; married; one child
Residence: Austin, Nevada
Business: Austin, Nevada
Agent, Austin Manhattan Consolidated Silver Mines
Federal Office: Receiver for U. S. District Court for District of Nevada
Social Societies: Masonic; Tech. Club of N. Y.

George E. Mathews, S.B., Course IV.
Born 1869; married; three children
Residence: Seir Hill, Norwalk, Conn.
Business: 485 5th Avenue, New York
Head of Architectural & Engineering Dept. Hoggson Brothers
Director Hoggson Bros.
Social Societies: Technology Club of New York; Masonic Order

Bryce Metcalf, Course IV.
The International Bank, 60 Wall Street, New York, N. Y.
Assistant Cashier

Edward N. Milliken, Course VIII.
Born 1875; unmarried
B.S. in Education, Columbia University, 1907
A.M. in Education, Columbia University, 1910
Residence: 1111 Pleasant Street, New Bedford, Mass.
Business: same
Writer, Real Estate
Civilian Service during War: Chemist in New Bedford Gas Works
Achievements: Unpublished work on Combustion and Fuels

Sumner M. Milliken, S.B., Course I.
Died January 12, 1902

Prescott C. Mills, Course II.
Oak Road, Vineland, New Jersey
Reported 1913: married; one child
Secretary and Treasurer of Aldine Press Inc.
Reported 1920: Poultryman

Frank R. Minnig, Course II.
Died December 18, 1909

Grace W. Minns, Course VII.
1 Acorn Street, Boston, Mass

Joseph J. Moebs, S.B., Course II.
Address unknown

Richard Mommers, S.B., Course V.
Born 1876; married; three children
Residence: 1914 Ave. I, Brooklyn, N. Y.
Business: 117 Wall Street, N. Y.
General Sup't, American Sugar Refining Co.

Arthur D. Monteith, Course I.
587 East 15th Street, North, Portland, Oregon
Reported in 1913 as City Engineer
War Record: Capt., Engrs., 19 Sept. '17, Camp Lee, Va., 5 Jan. '18; Personnel Adj., 28th Engrs., Apr. '18, A.E.F., 13 Sept. '18-10 July '19; with Sec. Engr., Base Sect. No. 5, Brest, France, 13 Sept. '18; 130th Engrs., Base Sect. No. 7, La Rochell, 15 Jan. '19; Co. C. 510th Engrs. (colored), 8 May; left France, 28 May; appointed C.O. of troops on U.S.S. Arcadia, 2 June

Edward F. Morrill, S.B., Course VI.
Born 1876; married; three children
Residence: 1458 Wagar Avenue, Lakewood, Ohio
Business: 4300 Euclid Avenue, Cleveland, Ohio
Ohio Bell Telephone Co.—Building Engineer

Jonathan M. Morris, Course VI.
9 Hinckley Street, Dorchester, Mass.

J. Fred Muhlig, S.B., Course II.
Industrial Service Corp., Hopewell, Va.
In 1913: married; three children
Supt. Commercial Truck Co. of America

Charles S. Murlless, Course I.
164 Cabot Street, Holyoke, Mass.
Dental Surgeon

David J. Myers, Course IV.
26 Lippy Building, Seattle, Washington

Samuel A. Neidich, S.B., Course II.
1038 Ridge Avenue, Philadelphia, Pennsylvania

Willard B. Nelson, S.B., Course VI.
Born 1876; married; one child
M.S., New York University, 1916
Residence: 466 Third Street, Brooklyn, N. Y.
Business: 237 Seventh Avenue, Brooklyn, N. Y.
Manual Training High School—Alternate Principal
Chairman Dept. of Physical Science; Brooklyn Ave. Technical and Trade School—Ass't. Principal
Professional Societies: Various educational and pedagogical societies of N. Y. City
Social Societies: Sigma Lambda Mu Fraternity
Lecturer in Physics for Long Island College Hospital and Columbia University 1914-1918

Harrison Nesbit
Bank of Pittsburgh, National Assn., Pittsburgh, Penn.

George K. Newbury, S.B., Course XIII.
Born 1876; married; five children
Residence: R.F.D., No. 1, Library, Pa.
Business: c/o Jones & Laughlin Steel Co., S.S. Works, Pittsburgh
Draughtsman

Henry B. Newhall, S.B., Course VI.
90 West Street, New York, N. Y.
Manufacturer

Herbert B. Newton, Special
Born 1874; married; two children
Residence: 214 Oak Street, Holyoke, Mass.
Business: Newton Paper Co., Holyoke, Mass.
Treasurer of Newton Paper Co.

George M. G. Nichols, Course IX.
Died April 14, 1915

Clarendon Nickerson, S.B., Course X.
73 Elmwood Avenue, Waterbury, Conn.

Julius E. Nolte, Course II.
803 Centre Street, Jamaica Plain, Mass.
Manager: Davis & Co. Ltd.

Edgar W. Norton, Course IV.
1004 Slater Building, Worcester Mass.
Architect

Joseph C. Noyes, Course I.
117 Pine Street, Portland, Maine

Edward Oclrich, Course IV.
Address unknown

H. D. Osgood, S.B., Course XI.
Born 1875; married; no children
Residence: Stephentown, N. Y.
Business: Stephentown, N. Y.
Farmer, Contractor
San. Engineer for Philippine Islands
Military Service during War: Private 1st U. S. Cav. 1898-99; Capt. E.R.C. 1917-18

A. Appleton Packard, S.B., Course XIII.
Born 1871; married; three children
Residence: 807 Euclid Avenue, Syracuse, N. Y.
Business: Syracuse University
Instructor in Physics, Syracuse University
Civilian Service during War: Works Manager—Taylor Instrument Co.'s, Rochester, N. Y., made altimeters and many scientific instruments, compasses, thermometers; every airplane and balloon had one of our instruments
Professional Societies: A.S.M.E.

Leonard W. Packard, Course VI
Edison Electric Illuminating Co., Boston, Mass.

Walter Page, S.B., Course XIII.
Canadian Explosives Limited, Montreal, Canada
War Record: Chief Engr. Head of Engr. Dept., Canadian Explosives, Ltd., Montreal, Canada, designing and building cordite T.N.T., and shell loading factories for Canadian Explosives Ltd., and for Canadian Govt., made a trip to England in '16 for consultation on explosive mfg. with British War Office; transferred to E. I. du Pont de Nemours & Co. as Personal Asst. to Chief Engr., Wilmington, Del., '18.

Ellwood B. Paige, Course IV.
Born 1877; married; one child
Residence: Lynn, Mass.
Business: same
Treasurer, Howard F. Pool Co., Lynn, Mass.
Professional Societies: N. E. Hardware Dealers Ass'n., Nat'l. Ass'n. of Master Plumbers
Social Societies: A. F. & A. M. Blue Lodge, Chapter and Council, Eastern Star; Oxford Club; Traffic Club of N. E.

Lyndon C. Palmer, Course VI.
103 Huntington Avenue, Buffalo, N. Y.

W. R. Parker, S.B., Course VI,
1538 Hillcrest Rd., Cleveland Heights, Ohio

Edith A. Parkhurst, Course VII.
Roxbury High School, Warren Street, Roxbury, Mass.
Head of Dept. of History

Charles H. Pease, S.B., Course II.
Born; 1875; married
Residence: Marlboro, N. H.
Business: same
Treasurer and proprietor, Monadnock Blanket Mills

Leroy D. Peavey, S.B., Course I.
Born 1876; married; six children
Residence: 108 Marshall Street, Watertown, Mass.
Business: Wellesley Hills, Mass.
Vice Preident—Babson Statistical Org'n; President—Babson Park Co.; Trustee—Babson Institute; President, Wellesley Press
Professional Societies: American Economic Ass'n., American Statistical Ass'n., Boston Executives Club

Frank I. Peckham, Course V.
59 Temple Place, Boston, Mass.
Merchandise Dept. F. W. Woolworth & Co.

Chas. W. PenDell, S.B., Course VI.
Born 1876; married; two children
Residence: 6320 Lakewood Avenue, Chicago, Illinois
Business: Public Service Co. of Northern Illinois, 72 W. Adams Street, Chicago, Ill.
Engineer, Contract Dept., Public Service Co. of Northern Illinois; Treasurer, Electrical Engineers Equipment Co.
Professional Societies: Fellow, American Inst. of Elec. Eng. Member, Western Society of Engineers; Chicago Engineers Club; The Electric Club of Chicago (Past Pres.)
Social Societies: Medinah Temple, A.A.O.N.M.S. of Chicago

William M. Perley, S.B., Course V.
Box 1228, Lowell, Mass.
Manufacturing Chemist
War Record: Provisional Lt. Comdr. U.S.N.R.F. (4). Supt. Avery Chem. Co., Lowell, Mass., Mfg. Sulphuric Acid and Ammonia for explosives, iron liquor for khaki dyeing, lactic acid for tanneries and textile companies

Frank B. Perry, S.B., Course II.

Born 1876; married; two boys
Residence: 415 Wayland Avenue, Providence, R. I.
Business: 513-516 Hospital Trust Bldg., Providence
Firm of Perry & Whipple, Mill Engineers and Architects
Service during War; Sergent—Newton Constabulary, Newton Centre, Mass.
Professional Societies: American Society of Mechanical Engineers; Providence Engineer Society
Social Societies: Dalhousie Lodge, Newton, Mass.; Newton Royal Arch Chapter; Gethsemane Commandery; Kalon Club, Pawtucket, R. I.; Southern New England Textile Club, Providence, R. I.
Achievements: We have designed and supervised construction of buildings for: Providence Base Works of the General Electric Co.; United States Gutta Percha Paint Co., Providence; Tubular Woven Fabric Co., Pawtucket; United Wire & Supply Co., Auburn, R. I.; Colored Worsted Mills, Providence; International Braid Co., Providence; Hope Webbing Co., Pawtucket; Glenbrook Worsted Mills, Woonsocket, R. I.; Changes and additions to Power Plant, Phillips Wire Co.; Pawtucket Wanskuck Co., Providence; Ashland Cotton Co., Jewett City, Conn., and others.

Shirley S. Philbrick, S.B., Course II.

Born 1876; married; four children
Residence: Rye Beach, New Hampshire
Business: Philbrick Tie & Timber Co., Perry, Florida
President, Philbrick Tie & Timber Co., Perry, Florida
Municipal Offices: Chairman, Board of Trustees of Trust Funds, Town of Rye, New Hampshire
Civilian Service during War: Emergency Fleet Corporation, U. S. Shipping Board, Philadelphia, Pa.
Professional Societies: American Society of Civil Engineers
Social Societies: Masons

Frank N. Phillips, Course VI.

American Electric Works, Phillipsdale, R. I.
President of Company

George B. Pillsbury, Course X.

Born 1876; married; four children
Graduate U. S. Military Academy, 1900
Residence: 2117 Le Roy Place, Washington, D. C.
Business: Office Chief of Engineers, Washington, D. C.
Lieut. Colonel, Corps of Engineers, U. S. Army
Military Service: Colonel, Engineers, Comdg. 115 Engineers and Corps Engineers II Corps, D.S.M.; Somme Offensive, September 25—October 25, 1918

Professional Societies: American Society Civil Eng.; Soc. Amer. Military Engneers

Fred C. Plumer, Course V.
67 Federal Street, Newburyport, Mass.

A. F. Porter, S. B., Course V.
Born 1875; married; one child
Residence: Trevett, Maine
Service during War: Manager Carney's Pt. Smokeless Powder Plant
Social Societies: Wilmington Club, Del.; Wilmington Country Club, Lotas Club, N. Y.; Portland Club, Maine

Alvin O. Portner, Course IX.
1454 V Street, Washington, D. C.
B.L. Univ. Virginia, 1909
Last reported as President, Robert Portner Brewing Co.

Robert W. Pratt, S.B., Course I.
Died February 2, 1920
He was married and had three children
He was a prominent sanitary engineer. He wrote a notable textbook on Sewage Disposal jointly with C. E. A. Winslow '98. During the war he was supervising engineer in the construction of camps and government housing projects

Benson B. Priest, S.B., Course I.
Born 1876; married; two children
Residence: 46 Lenox Avenue, East Orange, N. J.
Business: 30 Church Street, New York, N. Y.
With American Bridge Co.—Assistant Engineer
Service during War: Structural Steel design
Professional Societies: Member, American Society of Civil Eng.
Social Societies: American Bridge Co. Engineering Club—member of Governing Board for several years

Reay C. Prosser, Course IV.
Address unknown

James Purdon, Course IV.
8 Beacon Street, Rm. 76, Boston, Mass.
Architect

Charles F. Purinton, Course VI.
102 Battery Street, Burlington, Vermont
In 1913: married, two children
Vice-Pres. The Leader Evaporator Co.

William E. Putnam, S.B., Course IV.
Born 1873; married: three children (one living)
A.B. Harvard, 1896
Residence: 43 South Avenue, Weston, Mass.
Business: 114 State Street, Boston, Mass.
Partner, Putnam & Cox, Architects
Professional Societies: American Institute of Architects; Boston Society of Architects
Social Societies: Union Club of Boston, Longwood Cricket Club

Dorothy M. Reed (Mrs. Charles E. Mendenhall) Course VII.
Madison, Wisconsin
B.L., Smith College, 1895; M.D., Johns Hopkins, 1900
Physician, Children's Bureau, U. S. Dept. of Labor
Reported 1913; married to Charles E. Mendenhall, Ph.D. Professor of Physics, Univ. of Wisconsin; four children

Lamont Rich, Course I.
Address unknown

Edward B. Richardson, S.B., Course VI.
Born 1875; married; four children
Residence: 195 Montfort Street, Brookline, Mass.
Business: 220 Devonshire Street, Boston, Mass.
Partner, Richardson & Gay, Consulting Engineers
Municipal Office: Town Meeting Member, Brookline
Military Service: Lt.-Col. F. A. Enlisted in Battery A, Mass. N.G., '05. Maj., F.A., 25 July '17; Lt.-Col, 30 July '18. A.E.F. 9 Sept. '17-25 Aug. '-8; 25 F.A., 30 July '18. Chemin des Dames Sector, Mch. '18; Tou. Sector Apr.-June; Aisne-Marne offensive (Chateau-Thierry), July-3 Aug. Disch. 28 Jan. '19.
Professional Societies: Member, A.S.M.E., Assoc. Member, A.I.E.E.; Member, B.S.C.E.
Social Societies: Delta Psi

Frank L. Richardson, Course VII.
Born 1877; married; two children
M.D. Harvard, '03
Residence: 164 Highland Avenue, Newtonville, Mass.
Business: 543 Boylston Street, Boston, Mass.
Physician

Philip Richardson, Course IV.
31 State Street, Boston, Mass.
Architect

Henry P. Richmond, S.B., Course IV.
Born 1877; married; two children
Residence: 63 Monadnock Road, Chestnut Hill, Mass.

Business: 12 West Street, Boston, Mass.
Member of Firm of Guy Lowell, Architect
Professional Societies: Member, Boston Chapter, American Institute of Architects
Social Societies: Member, Brae-Burn Country Club
Achievements: Son in Class of 1926, M.I.T. Excepting the years of the war, have collaborated, during the last ten years, in quite a good deal of fairly important work, among the most interesting, perhaps are the following: The Building for Music, at Bar Harbor; Fifth Avenue Town House, for Morton C. Plant; an Italian Garden at Groton, Conn., for Morton C. Plant; The Piping Rock Club at Locust Valley, L. I.; The Dedham Country Club and Polo Club at Dedham, Mass.; The memorial Tower at Phillips Academy, Andover; The new Recitation Building and Dormitories at Andover; The Evans Wing of Museum of Fine Arts, Boston; Country House and Farm Group for C. K. G. Billings at Locust Valley, L. I.; Country House and Farm Group for A. V. Davis at Mill Neck, L. I. At the present time, The New York County Court House is under construction.

Joseph C. Riley, S.B., Course II.
Born 1876; unmarried
Residence: 36 Robinwood Avenue, Jamaica Plain, Mass.
Business: Mass. Inst. of Tech.
Professor of Heat Engineering
Military Service: Major, Air Service section, in France Sept. '17 to July '19
Professional Societies: Am. Soc. of Mech. Engineers

E. Warren Ritchie, S.B., Course IV.
Surry C. H., Surry County, Virginia
Engineer
War Record: Capt. Engrs. 4th Engr. Off. Tr. Camp, July '18; 153 Engrs.; 2d Engr. Tr. Regt.; 5th Engrs.; in charge Military Rys., Camp Humphreys, Va.; Bn. Adj.

Edward W. Roaf, Course I.
c/o Maine Electric Co., Portland, Maine
Structural Engineer

Thomas M. Roberts, S.B., Course VI.
Born 1867; married; no children
B.A., University of Oregon, 1893; A.M., University of Oregon, 1896
Residence: 3037 Dent Place, N. W., Washington, D. C.
Business: Bureau of Yards and Docks, Navy Dept., Wash-

ington, D. C.; Power Plant Engineer, (Electrical and Mechanical Engineering) with the Navy Department, Bureau of Yards and Docks

Service during War: Electrical Engineer with Bureau of Yards and Docks, Navy Department; Electrical Engineer with the Construction Division, Quartermaster Corps; Associate Electrical Engineer, National Safety Code Research, U. S. Bureau of Standards

Professional Societies: Member, of A.I.E.E.; member A.S.M.E.; Washington Society of Fine Arts

Social Societies: Master Mason (F. & A.M.), Ashler Club; Unitarian Laymens League

Achievements: The successful illumination of several large government structural buildings and work shops during the World War; Specifications for contracts amounting to several millions of dollars, for the Navy Department; Research for, and the collaborate writing of the Nat'l Electrical Safety Code, by the U. S. Bureau of Standards; National Safety Code for Elevators; andNational Safety Code for Remote Control Apparatus.

Frederick M. Robertson, Course VI.

Bristol, New Hampshire
Physician

Henry Rayburn Robinson, Course II.

Born 1874; married; two children
Residence: 832 National Road, Richmond, Indiana
Business: Main Street, Richmond, Indiana
Vice President, Swayne, Robinson & Co.

John T. Robinson, Course II.

Born 1875; married; one daughter
Residence: 81 Child Street, Hyde Park, Mass.
Business: John T. Robinson Co., Hyde Park, Mass.
President, John T. Robinson Co., Paper Box Machinery
Professional Societies: Nat'l Paper Box Makers' Ass'n.; Boston Chamber of Commerce; Hyde Park Board of Trade; Employers Ass'n. of Massachusetts

William A. Robinson, Jr., Course II.

Born 1876; married; no children
Residence: New Bedford, Mass.
Business: same
Treasurer, W. A. Robinson & Co., Inc., Oil refiners

Edith O. Rowe, Course VII.

149 Walnut Street, Malden, Mass.
Formerly Teacher Malden High School—Retired

Ralph R. Rumery, Course I.
Born 1876; married; two children
Residence: Short Hills, New Jersey
Business: 50 Church Street, N. Y. City
President, The Ralph R. Rummery Co., Inc., Consulting Engineers; Consulting Engineer to Delaware & Hudson Co., and numerous gas, electric and traction companies
Chief Engineer, New York State Tax Commission, 1907-1912
Service during War: Personnel Work
Professional Societies: American Society of Civil Engineers; Harvard Engineering Society—Past President
Social Societies: Harvard Club of N. Y.; Fort Orange Club, Albany; Fort Schuyler Club, Utica; Baltusrol Golf Club; Somerset Hills Country Club; Short Hills Club—Governor; Gilbertsville Country Club; S.A.R.

W. W. Rush, Course II.
Born 1875; married; no children
Residence: Palms Hotel, Denver, Colorado
Business: 17 East 42nd Street, New York, N. Y.
Mechanical Representative, Franklin Railway Supply Co., Inc.
Professional Societies: Traveling Engineers Ass'n.
Social Societies: Phi Beta Epsilon, M.I.T.; Denver Lodge No. 5 A. F. & A. M.

Ernest F. Russ, S.B., Course IX.
Born 1876; married; two children
Residence: 31 Loring Street, Newton Centre, Mass.
Business: 287 Atlantic Avenue, Boston, Mass.
E. F. Russ Co., President and Manager, Glues & Hide Cuttings, specializing on Paper Mill size
Service during War: Mass. State Guard

B. F. W. Russell, S.B., Course IV.
Born 1875; married; three children
Residence: 100 Goddard Avenue, Brookline, Mass.
Business: 45 Bromfield Street, Boston, Mass.
Partner: Little & Russell, Architects
Professional Societies: American Institute of Architects Boston Society of Architects; Boston Architectural Club
Social Societies: Union Club of Boston; Algonquin Club of Boston; The Country Club, Brookline; Technology Club of New York

Eugene W. Rutherford, S.B., Course II.
Born 1874; married; one child
Residence: 225 Lawrence Street, New Haven, Conn.
Business: 72 Brown Street, Waterbury, Conn.
Vice President of The Shoe Hardware Company; Factory

Manager of the Shoe Hardware Co., Wellman Company and The Boston Rubber Shoe Company, Last Factory
War Service: Charge of factory operating 90 per cent on War Work
Professional Societies: Am. Soc. of Mech. Engineers
Social Societies: New Haven Lawn Club

Albert E. Sargent, Course VI.
Fore River Shipbuilding Co., 97 East Howard Street, Quincy, Mass.
In 1913: married; two children
Supt. Marine Electrical Construction

Allston Sargent, Course IX.
Born 1876
Residence: 46 Prospect Street, East Orange, N. J.
Business: Pershing Building, N. Y.
Vice Pres. Campbell Metal Window Co.

Homer E. Sargent, S. B., Course VI.
Born 1875; married; no children
Ph.B. Yale University, 1896
Residence: 222 Arroyo Terrace, Pasadena, Cal.
Private business
Military Service: Sergeant, 41st Company California Reserve Militia
Professional Societies: Fellow, American Ass'n. for the Advancement of Science; Corporate Member, Field Museum of Chicago
Social Societies: President, The Los Angeles Rifle Club; Chairman. Shooting Committee, The Midwick Country Club; V. President, The Los Angeles Gun Club

Helen Schlesinger (Mrs. Helen S. Parker) Course VII.
573 Hammond Street, Chestnut Hill, Mass.

E. H. Schroeder, S.B., Course IV.
Died 1900

Henry F. Scott, S.B., Course II.
Born 1876; married; two children
Residence: 213 Union Avenue, Framingham, Mass.
Business: Dennison Mfg. Co., Framingham, Mass.
Mechanical Superintendent, Dennison Mfg. Co.

Heywood Scudder, S.B., Course V.
Died February 10, 1917

Joseph H. Sears, S.B., Course V.
Born 1873; unmarried
Residence: 248 West 102d Street, N. Y.

Business: Guttenberg, N. J.
Superintendent, The American Cotton Oil Co.

Lewis J. Seidensticker, S.B., Course V.
Born 1877; married; one child
Residence: 109 Sunnyside Ave., Westmount, P. Q.
Business: Atlantic Sugar Refineries Ltd., Montreal, P. Q.
Vice President and General Superintendent
Professional Societies: American Chemical Society

Albion W. Shaw, S.B., Course VI.
Born 1875; married; no children living
Residence: 5 Parker Street, Lexington, Mass.
Business: Stone & Webster, Inc., 147 Milk Street, Boston

Albert R. Shedd, S.B., Course II.
No address
In 1913: married; no children
Engineer Fore River Shipbuilding Co.
During War he was connected with the Bureau of Steam Engineering, Navy Dept.

Edward C. Sherman, S.B., Course I.
Born 1877; married; two children
Residence: 3324 Newark Street N.W. Washington, D. C.
Business: Bureau of Yards and Docks, Navy Dept., Washington, D. C.
Project Manager, Bureau of Yards and Docks, Navy Dept.
Military Service: Commander, C.E.C., U. S. Navy
Professional Societies: Member, American Society of Civil Eng.
Social Societies: Comos Club, Washington

James W. Shook, Course III.
Shook & Fletcher, Brown Marx Bldg., Birmingham, Alabama

J. F. Sickman, Course I.
Born 1875; widower
Business: c/o Joseph H. Wallace & Co., 5 Beckman Street, N. Y.
Civil Engineer, with Joseph H. Wallace & Co., N. Y.; Director, Price Waste Products Inc.
Service during War: Contracting Engineer and Manager, Boston Office, Fred T. Ley & Co., Gen. Contractors; Construction Camp Devens, Mass.; Naval Hospital, Newport, R. I.; Picric Acid Plant, Brunswick, Georgia; Explosives Plant Senter, Michigan
Professional Societies: Engineering Society, Western Mass.
Social Societies: Nayasset Club, Springfield, Mass.; Springfield Commandery, K.T.; Aleppo Temple, (Boston), Shrine

Chas. J. Skinner, S.B., Course I.

Born 1876; married; no children
Residence: 545 Brompton Place, Chicago, Illinois
Business: 1033 Railway Exchange Building, Chicago
Civil Engineer
Military Service: Captain of Engineers, 147 Engineers, U. S. Army

J. S. Small, Course III.

Sales Manager, The Ideal Electric and Manufacturing Co., 748 Plymouth Blvd., Minneapolis, Minn.

Charles F. Smith, Course XI.

Born 1874; married; four boys
Residence: Redlands, California
Business: 8 Fifth Street, Redlands, California
Real Estate and Orange Grower
Social Society: Redlands Country Club

Charles H. Smith, S.B., Course II.

802 Grosvenor Bldg., Providence, R. I.
In 1913: married; three children

George L. Smith, Course IV.

Born 1873; married; two children
A.B., Harvard, 1895
Residence: Chaworth Farm, Millis, Mass.
Business: 5 Park Street, Boston, Mass.
Architect
Service during War: In charge of the architectural work on the Boston Army Supply Base for the Designing Engineers, Fay, Spofford and Thorndike
Professional Societies: Boston Society of Architects; American Institute of Architects
Social Societies: Harvard Club of Boston, Harvard Alumni Chorus; Harvard Musical Association; Trinity Club of Boston

Granville Smith, Course XIII.

11 West Preston Street, Baltimore, Maryland

Horace T. Smith, S.B., Course V.

Born 1877, unmarried
Residence: 27 Courtland Street, Bridgeport, Conn.
Service during War: Steel Expert with Union Metallic Cartridge Co.; Chief Chemist American Tube and Stamping Co.
Professional Societies: American Chemical Society (past chairman) New Haven Section
Social Societies: Seaside Club; Past Sachem Improved Order of Red Men

Achievements: Have recently completed a five year's engagement as chief chemist of the Columbia Graphophone Mfg. Co.

James H. A. Smith
Address unknown

William G. Smith, S.B., Course I.
Address unknown

Howard Snelling, Course I.
Born 1877; married; three children
Residence: 174 Beacon Street, Boston
Farmer, will probably locate in the next month in S. C., have been in Virginia for past two years.
Military Service: 2d Lt., Q.M.C. Sec., Tranportation Div., Y.M.C.A., A.E.F., 20 Dec. '17-5 Sept. '18; transferred Remount Dept., Q.M.C., U.S.A., 5 Sept. '18; Asst. Remount Officer, 6th Corps, 1 Oct.; Remount Officer, 7th Div., 1 Dec.; returned to U. S., 5 Apr. '19

Frank W. Snow, Course VII.
24 Essex Street, Newburyport, Mass.
Physician
M.D., Harvard 1902
War Record: Lt.-Col. M. C. Lst Lt., M.C., 27 June '17; Capt. 16 July; Maj., 28 Aug. '18; Lt.-Col., 2 May '19; In France with first Harvard Unit for service with the British Army; B.E.F., Gen. Hosp., No. 4, 16 Aug. '17; C.O. Camp Hosp. No. 12 A.E.F., 17 Apr. '18; C.O., Camp Hosp. No. 41, 15 Feb.-12 July '19; Army Citation

George B. Southworth, Course V.
Born 1872; married; no children
Residence: 66 Gloucester Street, Arlington, Mass.
Business: 53 State Street, Boston, Mass.
Sales manager, A. W. Lincoln & Co., Bankers
Social Societies: Hiran Lodge, A. F. & A. M., Arlington, Mass.

Frank A. Spaulding, S.B., Course I.
Born 1875, bachelor
Residence: 27 Pomeroy Avenue, Pittsfield, Mass.
Retired
Professional Societies: Associate Member, American Soc. of Civil Engineers

Ernest R. Springer, Course VI.
Boston Transit Commission, 15 Beacon Street, Boston, Mass.

William D. Staples, S.B., Course VI.
Born 1876; unmarried
Residence: 448 Riverside Drive, New York
Business: 195 Broadway, New York
Assistant to Director, Long Lines Dept., Amer. Tel. & Tel. Co.
Professional Societies: American Institute of Electrical Eng.
Social Society: E.A.E.

William F. Steffens, S.B., Course VI.
N.Y.C. & H.R.R.R., 1711 Grand Central Terminal, N. Y.
Engineer of Fire Protection

Gorham P. Stevens, S.B., Course IV.
American Academy, Rome, Italy
S.M., M.I.T., 1899
Director of American Academy
War Record: Capt., Am. Red Cross, A.E.F., July '17-Mch. '19; member, Executive and Distributing Comms. of Amer. Relief Clearing House in Italy, and official representative of Amer. Red Cross, '15-'17

William W. Stevens, S.B., Course IV.
Born 1877, married, no children
Residence: Rye, New York
Business: 17 Battery Place, N. Y.
Consulting Engineer, The Texas Co.
Professional Society: Member, American Soc. of Civil Engineers
Social Societies: F.A.A.; Mason, P.M.; P.H.P.; P.W.M.
Achievements since 15th year book was issued: Sept. 1912-Feb. 1914, With Cass Gilbert, Architect, N. Y.; Responsible charge as assistant on Woolworth building, and on Kinney building, Newark; charge Austin Nichols Company's warehouse, factory, office building, Brooklyn; March 1914-Nov. 1917, Manager Construction Dept. Standard Oil Co. of N. Y., in China territory; Feb. 1918-Nov. 1918, Resident Engineer, Braden Copper Co., Chile, on construction program for raising output from 3500 to 10,000 tons ore daily; including extension of plant proper and new hydro-electric plant-buildings, lighting, sanitation, amusements, hospitals, etc., for company town of 10,000 and two villages—cost $25,000,-000.; Feb. 1919—with The Texas Co., 17 Battery Place, N. Y., Export Dept.—charge engineering design, construction, equipment, general operation of distribution facilities—Consulting Engineer for subsidiary and associated Companies, outside of North America

Charles A. Stickney, Course II.
Peterboro, Ontario, Canada

Samuel W. Stillings, Course IV.
Died February 6, 1917

Lewis S. Streng, S.B., Course VI.
Born 1876; married; two children
Residence: 1458 Cherokee Road, Louisville, Ky
Business: 301 W. Chestnut Street, Louisville, Ky.
General Supt. and Chief Engineer, Louisville Gas & Electric Co.
Service during War: Director, non-war construction by Council of Defense; also in charge, Electric Construction, Camps Taylor and Knox
Professional Societies: A.I.E.E., A.I.M.E., N.E.L.A.; Engineers and Architects Club of Louisville
Social Societies: Elks; Standard Country Club; Automobile Club; Optimist Club; Electric Club

W. R. Strickland, S.B., Course I.
Born 1875: married; three children
Residence: 1987 Glynn Court, Detroit, Michigan
Business: Cadillac Motor Car Co.
Ass't. Chief Engineer, Cadillac; Councillor of S.A.E. for 1922; Standards Committee man for 1923

Edward Sturtevant, S.B., Course IX.
St. George's School, Newport, R. I.
Teacher of Physics
A.M. Harvard, 1907
In 1913: married; three children

Henry H. Sullivan, S.B., Course II.
Born 1876; married, one child
Residence: 98 Foster Street, Brighton, Mass.
Business: 50 Cambridge Street, Charlestown, Mass.
Mechanical Supt., with Stickney & Poor Spice Co.
Social Societies: Bethesda Lodge A. F. & A. M.; St. Paul's R.A.C.; Cambridge Council R. & S.M.; and Cambridge Commandery No. 42 K.T.; am now Generalissimo of Cambridge Commandery Knights Templars

A. Loring Swasey, Course XIII
Born 1876; married; two children
Residence: 146 High Street, Taunton, Mass.
War Service: Commander U. S. Naval Reserve, Construction Corps Superintending Constructor, U.S.N. Headquarters, N. Y.; member Secretary of Navy's Board of Review; member, Secretary of Navy's Appraisal Board; member, President's Commandering Board; member, Curtis Engineering Board; Silver Star Citation for meritorious service; Designed 110 Sub. Chasers

Professional Societies: Society of Naval Architects
Social Societies: New York Yacht Club; Eastern Yacht Club; St. Anthony Club, N. Y.; Commander Taunton Post 103 American Legion

C. W. Swift, S.B., Course II.
90 Kemper Street, Wollaston, Mass.
President, The Chambers Swift Co.

Alice Weld Tallant, Graduate work in Physics '97-98
Born 1875, unmarried
A.B. Smith College, 1897; M.D. Johns Hopkins, 1902
Residence: 1200 Spruce Street, Philadelphia, Pa.
Business: same
Professor of Obstetrics, Woman's Medical College of Penn., and Obstetrician-in-Chief, Woman's College Hospital; Consulting Physician, Girls' Dept. Glen Mills Schools; Gynecologist and Obstetrician on Attending Staff of Phila. Gen. Hospital
Service during War: Physician, Ass't Director and Director Smith College Relief Unit in France 1917-18, (6 mos.); Physician, American Committee for devastated France, and Aide-Major (honorary) 6th French Army, 1918-19 (1 yr.)
Professional Societies: Am. Med. Ass'n; Penn. State Med. Soc. and Phila. County Med. Soc. (member of committee on Med. Education in the latter); Phila. Obstretrical Soc. (councillor in this soc. this year); Phila. Pediatric Soc.; Am. Social Hygiene Ass'n; Am. Child Hygiene Ass'n (have been a director and on Executive Committee, but not now)
Social Societies: Women's Alliance of First Unitarian Church; Women's Overseas Service League (member of Executive Com. 1920-21 and 1921-22) Smith College Club of Phila.; College Club of Philadelphia; Business and Professional Women's League
Achievements: Croix de Guerre for service with the French army in 1918; Text-Book of Obstetrical Nursing (Lea & Febiger) 1922; I have established two "Well Babies Clinics" (one in 1916 and the other in 1919) in connection with my hospital work.

Thomas E. Tallmadge, S.B., Course IV.
Born 1876; unmarried
Residence: 1824 Hinman Ave., Evanston, Illinois
Business: 189 W. Madison Street, Chicago, Illinois
Partner: Tallmadge & Watson,, Architects
Service during War: Member of Draft Board; Architect-in-Chief for Victory Loan decorations

Professsional Societies: President Art Institute Alumni Ass'n; Am. Institute of Architects; Vice Pres. Chicago Soc. of Etchers; Director Municipal Art League; Pres. Summer School of Painting, Sangatuck, Michigan
Social Societies: The Cliff Dwellers; The Arts Club, etc.
Achievements: Various lectures, Northwestern University, Armour Institute, Art Institute, etc.; Articles in Architectural Record, Western Architect; Editor of the book published by the American Institute of Architects, entitled, "The Appreciation of the Fine Arts"

Edward M. Taylor, S.B., Course II.
Box 194, Poughkeepsie, N. Y.
Vice-Pres. and Resident Manager of Liberty Starters Corp.
In 1913: married; three children

Mark E. Taylor, S.B., Course II.
Born 1875; married; one child
Residence: 732 Taylor Street, N. W., Washington, D. C.
Business: Ordnance Drafting Room, Naval Gun Factory
Service during War: Made drawings for 3 inch gun mount for submarines; oiling device and training circle covers for 3, 4, and 5-inch mounts for battleships; added a fast firing device to 4-inch twin mount

W. H. Tew, Course II.
Born 1876; married; four children
Residence: Westbury, Long Island
Business: 67-35th Street, Brooklyn, N. Y.
President and Treasurer, Carpenter-Tew Gear Co.

Horace R. Thayer, S.B., Course I.
Born 1873; married; two children
M.S. Lehigh University, 1906
Residence: 740 Wallace Avenue, Wilkinsburg, Pa.
Business: 1318 Fulton Building, Pittsburgh, Pa.
Consulting Civil Engineer
Service during War: Four Minute Man during the War
Professional Societies: Chairman, Civil Section Engineers Soc., of Western Penn.; Organizer and first President of the Authors Club of Pittsburgh. Still very much interested in the promotion of literary activity in this district. Member, American Soc. of Civil Engineers
Achievements: Have written two books,—"The Elements of Structural Design" and the "Design of Simple Structures". Both have sold well

Maurice DeK. Thompson, S.B., Course VIII.
Born 1877; married; three children
Ph.D., University of Basle, Switzerland, 1903

Residence: 6 Fairmount Street, Brookline, Mass.
Business: M.I.T., Cambridge, Mass.
Professional Societies: American Academy of Arts and Sciences; American Electrochemical Society
Social Societies: D.K.E.
Achievements: Franklin Institute, April 1922, Lecture on Recent Advances in Applied Electrochemistry

Mary J. Thomson, S.B., Course V.
Unmarried
Residence: 248 West Jersey Street, Elizabeth, N. J.
Greetings: I send my classmates greetings. My work has been more along spiritual lines the past few years—trying to help people "upward". This is something none of us can afford to neglect.

Rudolph Tietig, S.B., Course IV.
Born 1877; married; three children
Residence: 2529 Observatory Rd., Cincinnati, O.
Business: 4th National Bank Bld.
Firm of Tietig and Lee (Lee '98)
Professional Societies: Am. Inst. Architects
Social Societies: University Club; Cincinnati Queen City Club

Reginald Sprague Tobey, Course IX.
Born 1877; married; one child
Business: 103 Water St., New York City
Vice President, Briggs, Tobey and Annette, Inc.
Social Societies: New York Athletic Club; India House; Circumnavigator's Club

Ernest A. Tompkins, Course X.
Died October 26, 1914

Charles A. Torrey, S.B., Course V.
Address unknown

George W. Treat, S.B., Course I.
Born 1876; married; no children
Residence: Livermore Falls, Maine
Business: c/o E. H. Rollins & Sons, 200 Devonshire Street, Boston
Vice President and Director—E. H. Rollins & Sons
Social Societies: Algonquin Club, Boston; Engineers Club, Boston; City Club; Various Masonic Bodies; Boston Athletic Ass'n.

N. Florence Treat, Course VII.
100 Broadway, Chelsea, Mass.
Teacher, Household Science and Arts

Albert W. Tucker, S.B., Course III.
Born 1876, married, three children
Residence: Hillsboro Street, Raleigh, N. C.
Business: Box 1039, Raleigh, N. C.
Business Manager, Saint Mary's School
1912-1923 Retained by Dept. of Agri. Forest Service as Mining Engineer in the examination and appraisal of Mineral Properties in the Southern Appalachians; 1919-21 Mining Engineer—War Minerals Relief—Bureau of Mines, Dept. of Interior
Professional Societies: A.I.M.E.
Social Societies: Rotary Club; Shriners

Atherton H. Tucker, S.B., Course IV.
Born 1871; married; two children
Residence: 2 Manser Place, Ilion, N. Y.
Business: Library Bureau, Ilion, N. Y.
Assistant to the Chief Engineer

Frank S. Tucker, S.B., Course II.
14 West 127th Street, New York, N. Y.
Engineer, The Texas Co.

Fred H. Twombly, S.B., Course IX.
Born 1876
Residence: 651 West 169th Street, N. Y.
Business: 60 Laight Street, N. Y.
Export Manager & Ass't Secretary, R. E. Dietz Co., Lantern Mfgs.
Service during War: Handled our Company's business with U. S. and other Governments

George F. Ulmer, S.B., Course V.
Died August 29, 1907

Howard C. Underwood, Course II.
132 Rowe Street, Melrose, Mass.

John DeLoss Underwood, Course I.
Born 1876; married
Residence: 1010 St. Paul St., Baltimore, Maryland
Business: 15 Guilford Avenue, Baltimore, Md.
District Manager for Firemen's Mutual Ins. Co., of Providence, R. I.
Professional Societies: Engineers Club of Baltimore

William L. Underwood, Course VII.
Born 1864; married; one child
Residence: 50 Common Street, Belmont, Mass.
Business: Massachusetts Institute of Technology
Author, Naturalist, Lecturer, Director of the William Underwood Co., Manufacturers of Canned Goods

Chairman Belmont Board Health 1902 to 1922
Professional Societies: Fellow of the American Academy of Arts and Sciences
Social Societies: St. Botolph Club; Oakley Country Club; Belmont Spring Country Club; New Bedford Country Club; New Bedford Yacht Club

Susannah Usher, S.B., Course VII.
Address unknown

Rafael Vallecillo-Mandry
Died 1912

Richard B. Van Horne
c/o Sir William C. Van Horne, 817 Sherbrooke Street, Montreal, Canada

Robert M. Vining, S.B., Course II.
Born 1876; married; no children
Residence: 12 Bridge Street, Danvers, Mass.
Business: 100 Sidney Street, Cambridge, Mass.
With Johnson Educator Food Co.

G. R. Wadsworth, S.B., Course I.
Born 1875; married; one child
Residence: 344 West 72nd Street, N. Y.
Business: 32 West 40th Street, N. Y.
Consulting Engineer—Industrial and Finance
Military Service: Major, U. S. Air Service; Chief Engineer, Naval Aircraft Factory, Philadelphia
Professional Societies: Member, A.S.C.E.; A.S.M.E.; S.A.E.
Social Societies: University, Engineers, Technology Clubs—N. Y.

James C. Walker, Course VI.
30 Church Street, N. Y.

R. B. Wallace, S.B., Course XIII.
Born 1876; married; one child
Residence: Cor. Overlock & Derbyshire Road, Cleveland, Ohio
Business: 200 Erie Bldg., Cleveland, Ohio; Real Estate, and other interests
Military Service: Maj. Amer. Red Cross, 25 Oct. '18. Balkan Comm., Amer. Red Cross, in charge of Transportation, getting shipments through Trieste and Fiums for Serbia and shipments into Montenegro, Albania, Greece and Roumania, returned to U.S.A. July '19

Nathaniel C. Walpole, Course II.
1000 Glen Ins Avenue, Birmingham, Alabama
Southern Representative, Niles-Bement-Pond Co.
War Record: Maj. Ord. Corps, 28 Sept. '17; A.E.F. Commanding 8th Ord. Bn., Overseas Cannon Repair

Ward W. Ward, Course IV.
"Moyerdale", Liverpool, N. Y.

John E. Warren, S.B., Course II.
Born 1874; married; two children
Residence: Mansfield, Mass.
Business: 129 Federal Street, Boston, Mass.
Industrial Sales Engineer with American Radiator Co., Boston

Karl W. Waterson, S.B., Course VI.
Born 1876; unmarried
Residence: 155 Remsen Street, Brooklyn, N. Y.
Business: 195 Broadway, New York City
Assistant Chief Engineer, American Telephone and Telegraph Co.
Services during War: Representative of Bell System at Washington cooperating with Army and Navy in finding special telephone facilities required for the war—including complete telephone systems at all cantonments, forts, navy yards, and other military points, special facilities for government use at Washington and elsewhere, special private toll lines, etc. Among other things secured and trained operators who served with Signal Corps in France
Professional Societies: A.I.E.E.
Social Societies: University, New York Athletic, Machinery and Technology Clubs of N. Y.

Norman Watkins, Course V.
Born 1875; married; two children
Residence: Honolulu, Hawaii
Business: same
Vice President and General Manager of the Pacific Guano & Fertilizer Co., Honolulu, San Francisco, Los Angeles; Member of House of Representatives of Hawaii, six years; Member and Chairman Liquor License Commission, four years; Member and Secretary, Board of Harbor Commissioners, eight years; U. S. Shipping Commissioner, Port of Honolulu
Service during War: President, Hawaiian Vigilance Corps, American Defense Society
Social Societies: Rotary Club—President, 1918; Various Masonic Bodies and Elks; University Club, Honolulu; Family Club, San Francisco

W. C. Watrous, Course IV,
Address unknown

Erasmus M. Weaver, Course II.
Major General, U. S. Army, retired
War Service: Maj. Gen. C.A.C. Chief of C.A.; Member of War Council, War Dept
Died Nov. 13, 1920

James E. Webster, Course IV.
Address unknown

Edgar A. Weimer, S.B., Course II.
Born 1874; married; two children (girl and boy)
Residence: Lebanon, Pennsylvania
Business: same
President and Chief Engineer, Weimer Machine Works Co.
President and Chief Engineer, Weimer Chain & Iron Co.; Consulting Blast Furnace Engineer; Mayor of Lebanon; Represented the Gov. of Pa. at a National Water Conservation Congress held in Washington when the 90 year lease was upheld. Member State Agricultural Board; Chairman State Building Code Commission; Engineer Borough of Pinegrove, Pa.
Service during War: Being a "C" man in Military Service at Tech, I naturally expected an assignment but my offer of services was turned down and I was told that the work I was doing in keeping up the production of iron and steel was more important than any military service I could render.
Professional Societies: American Institute of Mining Engineers; American Soc. for the Advancement of Science; Farady Society (England); Franklin Institute; Electro-Chemical Soc.
Social Societies: Lebanon Club; Lebanon Country Club; Elks; Kiwanis; Tech Club of N. Y. President for 9 years; Perseverance Fire Co.; Pres. for 10 years Lebanon Fish and Game Club; Director Wild Life League, Penn.; Director Beekeepers Association of Pennsylvania; Penn. State Agricultural and Horticultural Society. I gave up all club and society life during the war and have not taken it up since.
Achievements: If any of our class lick an envelope with a 3c stamp changed to a 2c, let it remind them it was a '98 idea. When I heard that they were going to destroy millions of 3c stamped envelopes. I wrote the Post Office Dept. suggesting that they save the envelope by stamping them with a "2". I was informed that my idea was a good one but came too late as they had just sent

out printed instruction to all offices to destroy them. When I wrote back that it would be a small mite to recall the orders in comparison to the amount saved. My idea prevailed and '98 has the honor of changing the policy of the postal Dept.

Edwin F. Wentworth, Course II.
186 North Beacon Street, Watertown, Mass.
Tire maker

John F. Wessell, S.B., Course VI.
Address unknown

Paul B. Wesson, S.B., Course II.
Born 1873; married; one child
Residence: 44 Lakeside Ave., Springfield, Mass.
Business: 293 Bridge St., Springfield, Mass.
Engineer with Frank H. Dunlap
Professional Societies: Am. Soc. Mech. Eng.

William White, S.B., Course V.
314 Belmont Street, Brockton, Mass.

Eleanor Felton Whiting, (Mrs. Thomas G. Frothingham) Course VII.
74 Chestnut Street, Boston, Mass.

Ashley B. Whitmore
23 Evanston Avenue, Dayton, Ohio

Roscoe B. Whitten, S.B., Course IV.
Address unknown

Edward S. Wiard, S.B., Course III.
409 Boston Bldg., Denver, Colorado
Consulting Mining and Metallurgical Engineer

Edwin E. Wightman, Course I.
Pennsylvania Steel Co., Steelton, Pa.

Clifton W. Wilder, S.B., Course II.
Born 1876; married, two children
Residence: 173 Euston Road, Garden City, N. Y.
Business: 124 East 15th Street, N. Y.
General Superintendent Distributing Stations, New York Edison Co.
Electrical Engineer—Public Service; Commission 1st District, State of New York, eleven years
Professional Societies: Fellow-American Institute Electrical Engineers; member, American Society Mechanical Engineers

Ralph E. Wilder, S.B., Course I.

Born 1876; married; four children
Residence: 1129 Confer Avenue, Johnstown, Pa.
Business: Cambria Steel Co., Johnstown, Pa.
Car Engineer, Cambria Steel Co.
Social Societies: Past Commander of Johnstown Lodge, K. of P.; Past Master of Cambria Lodge 278 F. & A.M.; Present M.E. High Priest of Portage R. A. Chapter No. 195; 32 deg. Mason A.A.S. Rite Valley of Pittsburgh; Member Jaffa Temple, A.A.O.N.M. Shrine

William A. Wilder, Course VI.

Born 1874; married; no children
Residence: 4 Dayton Place, Worcester, Mass.
Business: 48 Green Street, Worcester, Mass.
Superintendent Commonwealth of Massachusetts Public Employment Office at Worcester, Mass.
Service during War: As representative of U. S. Employment Service had charge of the distribution of labor to the War Industries of Worcester, Mass.
Professional Societies: Worcester Chamber of Commerce
Social Societies: Monday Evening Club; The Twentieth Century Club; Unitarian Laymen's League

Raymond S. Willis, Course III.

Born 1874; married; two children
Residence: 299 Ridgewood Avenue, Glen Ridge, N. J.
Business: 1790 Broadway, New York
Second Vice President, United States Rubber Company
City Councilman, Glen Ridge, New Jersey
Military Service: First Lieutenant in Jersey Militia Reserve
Social Societies: Lotos Club (of N. Y.), Technology Club of N. Y.; Glen Ridge Country Club; Glen Ridge Club; Sons of American Revolution

Elmina Wilson, Course IV.

Deceased

Charles F. Wing, Jr., S.B., Course VI.

Born 1876; married; one child
Residence: 63 Morgan Street, New Bedford, Mass.
Business: 790 Purchase Street, New Bedford, Mass.
Treasurer of the Charles F. Wing Co.
Social Societies: F. & A. M.

David L. Wing, S.B., Course IX.

Born 1874; married; two children
Residence: 1322 19th Street, N. W., Washington, D. C.
Business: 26 Jackson Place, N. W., Washington, D. C.
Consultant Economist and Statistician

Examiner and later Ass't Chief Economist, Bureau of Corporations and Federal trade Commission; Expert Investigator, U. S. Coal Commission

Professional Societies: American Economic Association; American Statistical Association

Social Societies: Cosmos Club, Washington, D. C.

C-E. A. Winslow, S.B., Course VII.

Born 1877; married; one child

M.S., M.I.T., 1899; A.M. (Hon.) Yale University, 1915; Dr. Public Health, (Hon.) New York University,

Residence: 314 Prospect St., New Haven, Conn.

Business: Yale Medical School, New Haven, Conn.

Professor Public Health, Yale School of Medicine; Chairman, New York State Commission on Ventilation; Public Health Council, State of Connecticut; Senior Sanitarian U. S. Public Health Service (R)

Military Service: Deputy Commissioner, American Red Cross, Mission to Russia, with rank of Major

Professional Societies: Past Pres. Soc. of American Bacteriologists; past chairman, section K, American Association for the Advancement of Science; Fellow, American Public Health Association (past chairman, Laboratory Section); Member, American Water Works Association, New England Water Works Ass'n, American Soc. of Naturalists; Soc. for Experimental Biology and Medicine, etc.

Achievements: Since graduation have taught biology and public health at the Institute of Technology, University of Chicago, College of the City of N. Y., Teachers College, Columbia University, and Yale; Served for twelve years as curator of public health at the Am. Museum Nat. Hist., N. Y. City; Director of Public Health, League of Red Cross Societies, Geneva, 1921; Chairman Committee on Nursing Education of the Rockefeller Foundation; Chairman, Committee on Municipal Health Department Practice of the Am. Public Health Assoc.

E. C. Witherby, Course X.

Died February 23, 1919

Winthrop Barrett Wood, S.B., Course I.

Born 1875; married; two children

Residence: 2206 Grant Avenue, Wilmington, Delaware

Business: Joseph Bancroft & Sons Co.

Chief Engineer, Joseph Bancroft & Sons Co.

Professional Societies: Am. Soc. of Civil Engs.; Am. Soc. of Mechanical Engrs.; Am. Soc. of Safety Engrs.; Wilmington Chamber of Commerce

Ernest Woelfel, Course II.

Born 1874; married; one child
Residence: 219 E. Jefferson Street, Morris, Illinois
Business: Woelfel Leather Co., Morris, Illinois
Asst. General Manager and General Supt. Woelfel Leather Co.
Social Societies: Member, Cedar Lodge, A. F. & A. M.

Thomas Tuttle Wooster, Course IV

Died November 18, 1911

George H. Wright, Course IX.

Born 1869; married; two children
D.M.D. (Harvard)
Residence: Goddard Ave., Brookline, Mass.
Business: 149 Newbury St., Boston
Oral Surgeon, Mass. General Hospital; Mass. Charitable Eye and Ear Infirmary; Assistant Professor Medico-Dental Diseases, Harvard Dental School; Lecturer in Laryngology, Harvard Medical School
War Service: Volunteer teaching, training surgeons going overseas; 1st Lieut. Med. Reserve Corps, U.S.A.
Professional Societies: Member Board Adm. (Dental) Harvard Univ.; Honorary member: Vermont State Med. Soc., Conn. State Dental Soc.; Member: Am. Acad. Dental Science, Harvard Odontological Soc., etc.
Achievements: Research work on the Eye in relation to Dental diseases; Research work on Referred Pains

Walter G. Zimmerman, S.B., Course II.

Born 1876; widower; two children
Residence: 2403 Somerset Street, Hunters Park, Duluth, Minn.
Business: 203 Wolvin Building, Duluth, Minn.
Contracting Manager, American Bridge Co., Lake Superior District
Professional Societies: American Soc. of Civil Engineers, Duluth Section. (Secretary); Duluth Engineers Club, (member-Board of Directors); Lake Superior Mining Inst.; Technology Club of Lake Superior (President); Duluth Chamber of Commerce
Social Societies: Sigma Chi Fraternity (member of Duluth Alumni Chapter); Kitchi Gami Club, Duluth; Northland Country Club, Duluth; Houghton Club, Houghton, Mich.; Miscowaubik Club, Calument, Mich.

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